

# CURRICULUM VITAE

## 1. Biodata

- a. Name (Surname first): OKOYE, Cletus Uche  
b. Place of Birth: Igbo-Ukwu  
c. Home Town: Igbo-Ukwu, Aguata LGA  
d. Gender: Male  
e. State of origin: Anambra state  
f. Nationality: Nigerian  
g. Marital status: Married  
h. Religion: Christianity  
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k. Telephone Number: +2348033894973; +2347057930224  
l. Present Position: Chief Lecturer,  
Director, Research and Development Centre  
(Former Dean, School of Engineering)

## 2. Institutions Attended with Dates

- St. Paul's Catholic School, Igbo-Ukwu, Aguata LGA, Anambra state 1965 - 1967
- St. Patrick's Primary School, Ossomari, Ogbaru, Anambra state 1969 – 1971
- Onitsha Polytechnic School, Onitsha. Jan. 1972 – Dec 1972
- Comprehensive Sec. Sch. AwoOmamma, Imo state, Nigeria 1972 - 1976
- Personal studies through Industrial Experience 1977 - 1981
- Institute of Management and Technology (IMT), Enugu, Nigeria 1983 – 1984
- University of Nigeria, Nsukka, Nigeria. 1985 - 1986
- Anambra State University of Technology (now Enugu State University of Science & Technology), Enugu, Nigeria 1981 - 1986
- University of Ibadan, Nigeria 1998 - 1999
- Times Journalism Institute, Lagos Jan 2001 - Dec 2001
- Times Journalism Institute, Lagos Jan 2002 - Dec 2002
- University of Lagos, Nigeria 2001 – 2002
- Federal Radio Corporation of Nigeria Training School (now National Broadcasting Academy) 2005
- Federal University of Agriculture, Abeokuta, Nigeria (Currently on Ph.D. Programme)

## 3. Academic Qualifications with Dates

- First school leaving certificate 1971
- WAEC Tech/ City & Guilds in Electrical Installation Work Course (B) 1976
- WAEC/ GCE O/L 1979

- WAEC Tech/ City & Guilds in Electrical Installation Work, Course (C), Nov. 1979
- Technical Teachers' Certificate 1984
- B.Eng. (Hons), Electrical/Electronics Engineering 1986
- M.Ed. Educational Evaluation 1999
- PGD in Journalism 2001
- PGD in Public Relations 2002
- M.Sc. Electrical/Electronics Engineering 2002
- Professional Certificate in Biomedical Engineering, Nigerian Institute of Biomedical Engineering. 2002
- Commentator's Certificate (Broadcasting) 2005
- Ph.D. degree Electrical / Electronics Engineering (in view)

#### **4. Membership of Learned Societies & Professional Bodies**

- Corporate Member, Nigerian Society of Engineers (1994)
- Registered Engineer (COREN) (1996)
- Associate Member, Nigerian Institute of Management (1994)
- Member, Nigerian Institute of Biomedical Engineering (2000)
- Member, Nigerian Institute of Engineering Management (2001)
- Member, Nigerian Association of Engineering Craftsmen (1996)
- Full Member, Association of Nigerian Authors (1996)
- Graduate Member, Nigerian Institute of Personnel Management (1994)
- Member, The Research and Development Network, International Research and Development Institute (No: 10-04-05-02) (2010)
- Associate Member, Institute of Research Engineers & Doctors (2019)
- Member, International Association of Engineers (2019)
- Member, The Society of Digital Information and Wireless Communications (2019)
- Member, International Computer Science and Engineering Society (2019)
- Member, International Research Conference (2019)
- Member, World Society of Sustainable Energy Technologies (2019)
- Corporate Member, Nigerian Institution of Professional Engineers and Scientist (2020)

#### **5. Work Experience**

- Electrician 1977 – 1979
- Brewing Assistant, Premier Breweries Ltd, Onitsha. 1979 – 1981
- Nigerian Telecoms (NITEL), Enugu (Industrial Training) 1984 – 1985
- Teacher Community Girls' Secondary School, Ntalakwu, Oboro, Ikwu-ano LGA (NYSC) 1986 – 1987
- Instructor & Acting Head of Department, Radio, TV & Electronic Servicing; Boys' Technical College, Aba, Imo State (NYSC) 1986 – 1987
- Project Engineer, Pentagon Engineering Company, Aguata, Anambra State. 1987 – 1988
- Teacher, Girls' High School, Ufuma, Anambra State. 1988 – 1989
- Lecturer III, Department of Electrical/Electronic Engineering, Federal Polytechnic, Mubi, Adamawa State, Nigeria. 1989 – 1991

- Lecturer II, Department of Electrical/Electronic Engineering, Federal Polytechnic, Bida, Niger State, Nigeria. 1991 – 1992
- Teaching, Researching at the Federal Polytechnic, Ilaro, Ogun State, Nigeria. 1992 to date
  - Promoted to Lecturer I Jan. 1996
  - Promoted to Senior Lecturer. Jan. 2000
  - Promoted to Principal Lecturer. Jan. 2004
  - Promoted to Chief Lecturer. Jan. 2008
  - Pioneer Head of Department, Computer Engineering, The Federal Polytechnic, Ilaro. I set up various laboratories in the department. Earned accreditations for ND and HND programmes respectively. Also won World Bank STEP-B project grant twice for “Upgrading Infrastructure at the ICT and Computer Studio for Video Conferencing and Curriculum Delivery at the Federal Polytechnic, Ilaro.” The worth of the grant was three hundred and seventy thousand U.S. dollars (\$370,000.00). 2003 – 2011
  - Project Coordinator. (ICT), STEP-B project, World Bank, Federal Polytechnic, Ilaro. 2009 – 2013
  - Dean, School of Engineering, The Federal Polytechnic, Ilaro, Ogun State. 2009 – 2012
  - Head of Department, Electrical / Electronic Engineering, The Federal Polytechnic, Ilaro, Ogun State. 2016 – 2018  
Earned NBTE re-accreditation in
    - (i) National Diploma (ND) Programme 2016
    - (ii) Higher National Diploma (HND) Programme, Power & Machine Option 2016
    - (iii) HND Programme, Electronics & Telecoms option. 2016
    - (iv) HND Programme, Instrumentation & Control option. (resources inspection) 2015
    - (v) HND Programme, Instrumentation & Control option. (Full Accreditation) 2018

## 6. Administrative Experience

- Director, Research and Development Centre (RESDEC) (2021 to date)
- Administered the School of Engineering as Dean for three years. (2009 - 2012)
- Administered the department of Computer Engineering for nine years as Pioneer Head of Department (2003 - 2011)
- Head of Department of Electrical / Electronic Engineering for two years. (2016 - 2018)

## 7. Membership of Committees

### A. At Federal Polytechnic, Mubi, Adamawa State:

- Equipment Procurement / Maintenance Officer, World Bank Technical Education Project 1989 – 1991
- Departmental Examination Officer 1990 – 1991
- Member Representing School of Engineering, in Admission Committee

- Member, International Committee on Procurement of Stationaries. 1989 – 1991
- Chairman, Departmental Seminar Committee. 1989 – 1991
- Secretary/Member, Curricular Development Committee for Certificate Course in Electrical Technology 1989

**B. At Federal Polytechnic, Ilaro, Ogun State.**

- Chairman, Institutional International Conference (2021 to date)
- Chairman, Career Enhancement Committee (2020 to date)
- Chairman, Institutional Research Committee (2014 to date). About 52 grants won so far under my leadership on Tertiary Education Trust Fund (TETFUND) platform.
- Member, Academic Board, 2003 to date
- Member, Junior Staff Appraisal/ Promotion Committee (2009-2012)
- Member, Senior Staff Appraisal/ Promotion Committee (2009-2012)
- Chairman, Students' Union Electoral Committee (2013)
- Member, Committee on Polytechnic Strategic Plan Member, Polytechnic Examination Committee (2000-2011)
- Member, Graduation Committee (2001-2006)
- Member, Polytechnic Public Lecture Committee (2007)
- Member, Academic Staff Union of Polytechnic (ASUP) Inaugural Lecture Committee
- Member, Academic Staff Union of Polytechnic (ASUP) Valedictory/ Lecture Committee
- Member, Academic Prize Award Committee
- Unit Head, Power and Machines (1994-2003)
- Departmental Examination Officer 1995-1997)
- Departmental Coordinator, Part-time Programme (1999-2001)
- Chairman, Departmental Welfare Committee (2000-2003)
- Chairman, School of Engineering Committee. (1995-2009)
- Member Editorial Board, Journal of Management, Science and Technology (JMST) Federal Polytechnic, Ilaro. (1999 to date)
- Member, Publication Sub-Committee, 20<sup>th</sup> Anniversary Celebration of Federal Polytechnic, Ilaro. (1999)
- Member, Panel for Investigation of Total Wreckage of Luxury Bus. (1998)
- Member, Committee to Investigate Threat to life and Vandalisation of NEPA Installation. (2000)
- Member, Exhibition, Venue Arrangement, Social Welfare, Annual National Conference of School of Applied Science, Engineering and Environmental Studies, Federal Polytechnic, Ilaro (2000)
- Member, Conference Book of Proceedings Committee, School of Applied Science, Engineering and Environmental Studies, Federal Polytechnic, Ilaro (2000)
- Chairman, Conference Board, Nigerian Institute of Biomedical Engineering (2002)
- Vice-President (South-West), Nigerian Institute of Biomedical Engineering (2002)
- Member, Students' Programme Sub-Committee, Local Organising Committee, Nigeria Society of Engineers, National Engineering Conference, December, 2006.
- Member, Merger of Records & Data Control and MIS Units Committee (2005)

- Chairman, Assessment of Sets Committee. (2008)
- Member, Public Lecture Committee for the 15<sup>th</sup> and 30<sup>th</sup> Anniversary Celebrations (2008)
- Member, Ad-hoc Committee on STEP Project (2009)
- Chairman, Local Organizing Committee, ASUP National Conference, Zone C, 2015
- Member, Editorial Board, Ilaro Journal of Science & Technology, TETFUND-sponsored (2016 to date)
- Chairman, Committee on Federal Polytechnic, Ilaro Newsletter Production (2016 - 2017)
- Member, Ad-Hoc Committee on Proposal for the Establishment of National Diploma (ND) programme on Cement Technology
- Member, Committee on the Enhancement of Career Development of Secondary Schools in Ilaro (2016 to date).
- Chairman, Books Review Committee, School of Engineering (2016 to date)
- Member, Library Development Committee (2017 - 2018)
- Member, Committee on Institutional International Conference.
- Member, Institutional Research Committee (1999-2014)
- Member, Academic Staff Union of Polytechnic (ASUP), National Conference Committee (2005-2006)
- Member, Investigation Committee on Cultism.
- Coordinator, FPI Covid-19 Palliatives Project. (2020)
- Member, Ad-Hoc Committee on paper presentation at Commonwealth Association of Polytechnics in Africa (CAPA) meeting.
- Chairman, Editorial Board, Nigerian Society of Engineers Newsletter, Ilaro Branch, 2019 to date.
- Member, Ethics Research Committee, 2019 to date.
- Member, Task Force, Committee on the Upgrade of the Polytechnic Library, 2019.
- Member, Committee on Assessment of Innovative Project Works, 2019.
- Initiator & Interim Chairman, Nigerian Society of Engineers. (2009-2014)

## **8. Services Outside the Federal Polytechnic Ilaro**

### **• Service to the Nation (Nigeria)**

- (a) Member, (NBTE) Accreditation Visitation Team to the Federal Polytechnic, Offa, Kwara state for re-accreditation of ND Programme and Initial Accreditation of HND Programme in Electrical/ Electronics Engineering (Power/Machines Option, and Electronics/ Telecoms respectively); May 2008
- (b) Chairman, NBTE Resource Inspection Team for HND programme in in Electrical/ Electronics Engineering (Power/Machines Option, and Electronics/ Telecoms respectively); Moshood Abiola Polytechnic, Abeokuta, Ogun state, Nigeria (July, 2008)
- (c) Member, NBTE Accreditation Team to Yaba College of Technology, Lagos for Initial Accreditation of ND programme in Computer Engineering (October, 2008)
- (d) Member, NBTE Accreditation Team to Delta State Polytechnic, Otefe, Oghara, Delta state for Resources Inspection for mounting HND programme in Electrical/

- Electronics Engineering: Power/Machines Option, and Electronics/ Telecoms Options respectively (Jan 2010)
- (e) Member, NBTE Accreditation Visitation Team to Benue State Polytechnic, Ugbokolo for re-accreditation of ND programme in Electrical/ Electronics Engineering (Feb 20-24, 2012)
  - (f) Member, NBTE Accreditation Visitation Team to Rufus Giwa Polytechnic, Owo, Ondo state, for re-accreditation of ND & HND programmes in Electrical/ Electronics Engineering Technology (May 28-30, 2012)
  - (g) Member, NBTE Accreditation Team to Lagos State Polytechnic for Re-accreditation of ND & HND Power / machines and Electronics / Telecom options respectively (Sept. 24 – 26, 2018).
- **Service to Other Institutions (Nigeria)**
    - (a) External examiner, Department of Computer Engineering, Gateway Polytechnic, Igbesa
    - (b) Supervisor JAMB (Polytechnic) Exams 2000 to 2013
    - (c) External Examiner, Moshood Abiola Polytechnic, Abeokuta
    - (d) External Assessor of academic papers for Purpose of Promotion of Academic Staff, Federal Polytechnic, Offa, Kwara state.
    - (e) External Assessor of academic papers for Purpose of Promotion of academic staff, Lagos state Polytechnic, Ikorodu.
    - (f) External Assessor of academic papers for Purpose of Promotion of Academic Staff, Delta state Polytechnic, Ozoro
    - (g) External Assessor of academic papers for Purpose of Promotion of Academic Staff, Osun state Polytechnic, Iree.
    - (h) External Assessor of academic papers for Purpose of Promotion of Academic Staff, Yaba College of Technology.
    - (i) External Assessor of academics papers for purpose of promotion of Academic Staff, Federal Polytechnic, Ile – Oluji, Ondo State, Nigeria.
    - (j) Member, Interview Panel for appointment of academic staff, Moshood Abiola Polytechnic, Abeokuta.
    - (k) Member, Interview Panel for appointment of academic staff, Lagos state Polytechnic, Ikorodu.
    - (l) Vice-President (South-West), Nigerian Institute of Biomedical Engineering (2002)
    - (m) Chairman, Conference Board, Nigerian Institute of Biomedical Engineering
    - (n) Member, Students' Programme Sub-committee, Local Organising Committee, Nigerian Society of Engineers, National Engineering Conference, 2006.
    - (o) Initiator and Interim Chairman, Nigerian Society of Engineers, Ilaro branch. (2009-2014)

### **Editorial Advisory Board and Reviewer Member**

- Chairman, Editorial Board, Nigerian Society of Engineers Newsletter, Ilaro Branch, 2019 to date.
- Editorial Board, Ilaro Journal of Science & Technology, TETFUND- sponsored (2016 to date)

- Editorial Board Member, International Journal of Advanced Research and Development in Engineering Science and Technology (IJARD).
- Chairman, Institutional Research Committee (2014 to date). About 52 grants won so far under my leadership on Tertiary Education Trust Fund (TETFUND) platform.
- Editorial Board, Journal of Management, Science and Technology (JMST) Federal Polytechnic, Ilaro.
- Chairman, Committee on Federal Polytechnic, Ilaro Newsletter Production (2016 - 2017)
- Chairman, Books Review Committee, School of Engineering (2016 to date)
- Reviewer, International Research Journal of Modernization in Engineering Technology and Science (IRJM).
- Reviewer, International Journal of Engineering Research in Africa (JERA)
- Reviewer, Advanced Engineering Forum (AEF)
- Reviewer, IASET International Journal of Electrical Electronics Engineering.
- Reviewer Board Member, Academia Letters
- Reviewer Board Member, International Journal of Advanced Research and Development in Engineering Science and Technology.
- International Advisory Board Member, International Conference on Innovative Computing and Cutting-Edge Technologies.

## 9. Scholarship / Fellowship & Prizes

1. Best graduating student in Journalism and Valedictorian of my class, Times Journalism Institute, Lagos (2001)
2. Daily Times of Nigeria **Award winner in Journalism** (2001)
3. **UNESCO Expert** in Technical and Vocational Education and Training (since 2002)
4. Won World Bank (STEP-B Project) grant in the sum of two hundred and twenty thousand U.S. dollars for “Upgrading Infrastructures at the ICT Center and Computer Studio for Video- Conferencing and Curriculum Delivery at the Federal Polytechnic Ilaro” (2009). Also, additional grant for installation of optic fiber cable to improve signal reception procured from World Bank.
5. Cited in **The Contemporary Who’s Who** of the American Biographical Institute (ABI), 11<sup>TH</sup> Edition.
6. Cited in **2000 Outstanding Scholars of the 21<sup>st</sup> Century**, 1<sup>st</sup> Ed. of the International Biographical Centre (IBC), Cambridge, England (2001)
7. Cited in **Who’s Who in the 21<sup>st</sup> Century**, 2<sup>nd</sup> Edition of the IBC, England
8. **Man of Achievement** Award by the IBC, England (2002)
9. **International Intellectual of the Year 2001** by the IBC, England
10. Consulting Editor, **The Contemporary Who’s Who** of the American Biographical Institute (ABI)
11. Member, the Research Board of Advisors, ABI (from 2003 to date)
12. **The 21<sup>st</sup> Century Award for Achievement**, IBC England (2001)
13. **Best Head of Department** of the 2010/2011 Academic year awarded by the Student Union Government (SUG) of the Federal Polytechnic, Ilaro.
14. Cited in **International Directory of Distinguished Leadership**, 11<sup>th</sup> edition, ABI.
15. **Vice- President** and Member of Council, Nigerian Institute of Biomedical Engineering (2001-2003)

16. Presented Technical paper at the **Plenary Session** of the Nigerian Society of Engineers, National Engineering Conference (1996)
17. Presented Lead Paper: **Space Exploration: Nigeria's Experience** at the 5<sup>th</sup> Academic Staff Union of Polytechnics (ASUP), National Conference, 2005, Bida.
18. Letter of commendation for the paper: **Electrical Power Plant Siting for Sustainable Development**, presented at National Engineering Conference of Nigerian Society of Engineers held in Abeokuta (Gateway 2006)
19. Received commendation for effective teaching and high success rate in Nigerian Society of Engineer's Graduateship Exams Programme (Abeokuta branch)
20. Merit Award for 'Contribution to the Growth and Development of Education' by St. Peter (Anglican Communion) Oke Ore, Yewa Diocese, Ogun state Nigeria.

## 10. Academic Publications

### a. Journal Publications

Published Journal Articles and Books of Proceedings = 130 +.

#### Some of the journal publications are

- Okoye, C. U; Adejumobi, I. A.; Bitrus, I. & Adalakun. N. O. (2020), Analysis of Grid Connected Independent Power Plant Capabilities On Electricity Generation Spectrum in Nigeria, *International Research Journal of Modernization in Engineering Technology and Science*, Vol. 2, Issue 12. Pp 528-536
- Olanipekun, B. A., Adalakun, N. O. & Okoye, C. U. (2020) Evaluation of Electrical Services Using Energy Efficient Load, *Journal of Scientific and Engineering Research*, Vol. 7, Issue 2.
- Okoye, C. U. & Adalakun, N. O. (2019), Design and Evaluation of Electrical Services for an Energy Efficient Home, *Iconic Research and Engineering Journals*, Vol. 3, Issue 6, Pp 95 - 102
- Okoye, C. U., Omolola, S. A., Adalakun, N. O. & Bitrus, I. (2019), Retooling Nigeria's Electricity Generation Sub – System for Sustainable Grid Operation, *International Journal of Innovations in Engineering Research and Technology*, Vol 6, Issue 12, Pp 7 - 13
- Okoye, C. U., and Omolola, S. A. (2019), A Study and Evaluation of Power Outages on 132kV Transmission Network in Nigeria for Grid Security, *The International Journal of Engineering and Science*, Vol. 8, Issue 11, Pp 53 - 57
- Okoye, C. U., Alao, M. J., Bitrus, I., Adalakun, N. O. & Abdulhamid, I. G. (2018), A Study and Analysis of Energy Generation and Consumption in Dangote Cement Plant, Ibesse, Nigeria, *Global Journal of Advanced Engineering Technologies and Sciences*, Vol. 5, No 11.
- Olowofela, S. S., Okoye, C. U. & Lawal, A. S. (2018), Development and Testing of an Automated Three Phase Discriminator, *Global Journal of Advanced Engineering Technologies and Sciences*, Vol. 5, No 12.
- Okoye, C. U., Adeniji, O. A. and Sunmonu, A. O. (2017), A Study and Performance Evaluation of Olorunsogo Thermal Power Plant in Nigeria, *International Journal of Engineering Sciences and Research Technology*, Vol. 6, issue 12, Dec. 2017.
- Okoye, C. U. (2017), Analysis of Power Plant Capabilities in Nigeria's Electric Grid System for Energy Security, paper accepted for publication, *International Referred Journal of Scientific Research in Engineering*. Manuscript ID: 711002



- Adejumobi, I.A. and Okoye C.U. (2016), Bridging Generation- Demand Gap in Nigeria's Power Industry, **Proceeding** African Regional Conference on Sustainable Development, Vol. 14, No. 4, Pp 49-56
- Okoye, C.U. (2015), Nigeria's 132/330kV transmission line: Issues, Challenges and Solutions, **International Journal of Scientific Innovations and Sustainable Development**, Vol. 5, No. 2, Pp 103-107
- Okoye, C. U. (2015), A Sensitisation on Accelerated Exploitation of Nigeria's Renewable Energy Potentials, **Proceedings**, African Regional Conference on Sustainable Development, Vol. 13, No 2, University of Abuja Teaching Hospital.
- Adejumobi, I.A. and Okoye C.U. (2015), Key Issues in Energy Distribution for Improved Power Delivery, **Proceedings**, African Regional Conference on Sustainable Development, Vol. 13, No 2.
- Okoye, C.U (2013), Encouraging the Selection, Application and Maintenance of Uninterruptible Power Supply (UPS), accepted for Journal Publication, **Pan African Book Company**, Ghana.
- Okoye, C.U (2013), Electricity Generation in Nigeria: An Assessment and Key Issues for Improvement of Power Sector, accepted for Journal Publication, **Pan African Book Company**, Ghana.
- Okoye, C.U (2012), Unbundling and Mitigating Socio-Economic Problems of Nigeria through Technical and Vocational Education and Training, accepted for Post Conference Journal, Songhai Centre, Port Novo, Republic of Benin.
- Okoye, C.U & Ali, N.A. (2010), Towards Efficient Electricity Generation: A Case Study of Nigeria's Electricity Facilities, **Journal of Engineering Science**, Vol. 2, No. 1, Pan African Book Company, Ghana.
- Adaramola O. J.; Okoye, C. U & Bankole O. O. (2010), Maintenance of Computer Systems for Sustainable Activities in the Laboratories and Workshop, **International Journal of Sustainable Development**, Vol. 3. No. 4.
- Okoye, C.U & Soladoye, M.A. (2010), Transformer Usage and Abuse in Developing Economy: Technical Issues and Solutions for Improved Energy Management. **Journal of Engineering Science**, Pan African Book Company, Ghana.
- Adejumobi, I.A. & Okoye, C.U (2010), Exploring the Possibility of Local Production of Energy Efficient Induction Motors: Issues, Challenges and Solutions, **International Journal of Electrical/Electronics Engineering**, Vol. 2, No. 1.
- Okoye C. U. (2010) " A Sensitization on Collaborative Research: A Case Study of Micro hydro-power plants" **International Journal of Engineering Science** Vol. 2, No 3.
- Okoye C. U. (2010) "Proposal Writing for International Funding", **Journal of Scientific and Industrial Studies** Vol. 8, no 3.
- Okoye C. U. (2010) "Collaborative Research: A Synergistic Approach to Socio-Economic Development of Nigeria". **Journal of Engineering, Science and Technology** Vol. 5, No. 2.
- Alausa, D.W.S. & Okoye, C.U. (2009), The Effects of Research and Development in Developing Countries: Nigeria's Perspective. **The Pacific Journal of Science and Technology**, Hawaii, Vol. 10, No. 1. May ([www.akamaiuniversity.us/PJST.htm](http://www.akamaiuniversity.us/PJST.htm))

- Okoye, C. U. & Odunnaike, J. A. (2009), Award of B. Tech in the Polytechnics: The Middle-Level Manpower Question, **Journal of Scientific & International Studies**, Vol. 7, No 1.
- Okoye C. U. & Olowofela S. S. (2009), Towards Sustainable Electricity Distribution and Utilisation in Nigeria. **Journal of Electrical / Electronic Engineering**, Vol. 1, No 1.
- Ogunyemi, J. & Okoye, C. U. (2009), Energy Management for Efficient Productive Activities in an Economy in Distress, **Proceedings**, 5<sup>th</sup> International Conference on Scientific and Industrial Studies, University of Nigeria, Enugu Campus Vol. 4, No 3.
- Okoye C. U. & Adelusi I. A. (2009), Polytechnic Education and National Development: Issues, Challenges and Solutions. **African Journal of Engineering Research and Administration**, Vol. 2, No. 2.
- Okoye C. U. & Ogunyinka O. I. (2009), Power Sector & ICT in Nigeria, **African Journal of Engineering Research and Development**, Vol. 2, No. 1.
- Okoye, C. U. (2009) Technological Education: The Pivot of Nigeria's Re-branding Project, **The Bookworm**, Official Journal of NTA, Abeokuta, Nigeria.
- Okoye, C. U. (2009) Education and Training for Entrepreneurship: Proceedings, 5<sup>th</sup> International Conference on Scientific and Industrial Studies, University of Nigeria. Vol. 4. No. 2.
- Bamgboye, O. P. & Okoye, C. U. (2009), Electricity Generation, Consumption and Management: Towards Strategic Repositioning of Nigeria's Power Sector for Sufficiency and Optimum Performance. **Journal of Science and Technology Research**, Vol. 8, No3.
- Okoye, C. U. (2008) Gender Sensitizing Education in Engineering for Sustainable Development, **African Journal of Engineering Research and Development**, Vol. 1, No. 1.
- Okoye, C. U. (2008) Book Industry and National Development, **The Bookworm**, Official Journal of NTA, Abeokuta Sept.
- Okoye, C. U. (2008) Estimating in Building and Construction Industry: A Case Study of Electrical Services, Proceedings, Annual Conference, International Research and Development Institute, University of Abuja, Vol. 3, No. 2, 2007. Also in **International Journal of Development Studies**, Vol 3, No. 2.
- Okoye, C. U. (2008), Management of Substation for Sustainability and Safe Practices in Transmission, Distribution and use of Electrical Energy. *Journal of Research in Engineering*, Vol. 5, No. 2
- Awosope C. O. A. & Okoye, C. U. (2008), Electricity-Based Fires AND Explosions in Industries: Technical issues and Solutions. **Journal of Engineering Science and Technology** Vol. 3, No. 1
- Okoye, C.U. (2007), Basic Considerations for Designing Single Phase Motors for Domestic, Commercial and Industrial Applications. **Journal of Research in Engineering**, Vol. 4, No. 2, Pp 32-38.
- Okoye, C. U. (2007) Practical Experiences Arising from Job Performance in Industries: An Electrical Engineer's Account. **Journal of Research in Engineering**, Vol. 4, No 1.
- Okoye, C. U. (2007), Re-Engineering Rural Electrification in Nigeria, **Proceedings**, International Conference on Scientific and Industrial Studies, University of Uyo. Also in *Journal of Engineering, Science and Technology*. Vol. 1 No. 3.

- Okoye, C. U. (2007) Appropriate Career Choice Towards Engineering Isaac Newtons in our Schools, **The Bookworm**, 18<sup>th</sup> ed.
- Okoye, C. U. (2007), Material Specification for Electrical Services in Building and Construction Industry, **Proceedings**, Annual Conference, International Research and Development Institute, University of Abuja, Vol. 3, No. 3.
- Taiwo, S. A. Okoye, C. U. & Adaramola O. J. (2007), Practical, Improvisation and Student Involvement: A case Study of the Department of Computer Engineering, The Federal Polytechnics, Ilaro. **Journal of Engineering, Science and Technology**, Vol. 2, No. 4
- Okoye, C. U. (2007) Unemployment in Engineering Profession: Towards Generating Employment Opportunities in a Depressed Economy, **Proceeding**, International Conference and Exhibition of Power and Telecommunication, ICEPT the Nigerian Institution of Electrical and Electronics Engineers.
- Okoye C. U. (2006). Electric Power Plant Siting for Sustainable Development, **Proceedings**, National Engineering Conference, Nigerian Society of Engineers, Abeokuta.
- Okoye, C. U. & Okafor, O. P. (2006), Basic Electrical Installation Practices in the Provision of Sustainable Building Services, **Quantity Surveyor**, Institute of Quantity Surveyors.
- Okoye, C. U. (2006) UBE: Towards Laying a Strong Foundation for a child's Future Vocation, **The Bookworm**, Official Journal of NTA, Abeokuta.
- Adeyeye, M. K. & Okoye, C. U. (2006), A Study and Assessment of Existing Power Distribution Network in Ilaro Town for Sustainable Development. **Book of Readings**, the First ASUP National Conference, Polytechnic Ilaro, Nigeria.
- Ebiojuomore E. & Okoye, C. U. (2006), Electricity Generation and Distribution: Issues and Enduring Solutions for Sustainable National Development. **Book of Readings**, the First ASUP National Conference, Polytechnic Ilaro, Nigeria.
- Okoye, C. U. (2005), Technical and Vocational Education for Sustainable Development in Nigeria, **NTA Bookworm**, pp 4-6.
- Okoye, C. U. (2005), Critical Element in Training for Efficient and Biomedical Engineering Practices in Industries, **International Journal of Science and Technological Research**, Vol. 2. No 1 & 2.
- Okoye, C. U. & Okafor, J. C. (2005), Women in Science and Technology: Towards Entrenching an Enduring Democracy in Nigeria, **International Journal of Gender and Health Studies**. Vol. 3, No. 1&2.
- Okafor, J. C. & Okoye, C. U. (2005), Adequate Nutrition for National Development: The Rights Issues, **International Journal for Food and Agriculture Research**. Vol. 2, No. 1&2.
- Okoye, C. U. (2005), Power Quality Enhancement: A Challenge to Utility Board and Consumers for Nigeria's Sustainable Development. **International Journal of Science and Technological Research**, Vol. 1, No 2.
- Okoye, C. U. (2005), Towards a Sustainable Space Exploration in Nigeria, **The Gateway Engineer**, a Magazine of Nigerian Society of Engineers Abeokuta Branch, Vol. 2, No 1.,

- Awosope, C.O.A. & Okoye, C.U. (2004), Industry- Related Engineering Practices for Safety and Enhanced Productivity, **Proceedings**, National Conference, Nigerian Society of Engineers (Electrical Division).
- Okoye, C. U. (2004) The Computer: History and Development Trend, **The Bookworm**, Official Journal of NTA, Abeokuta, Vol. 14, pp 9 - 10.
- Okoye, C. U. and Taiwo S. A. (2004), Working Voltages and Safe Practices in Electrical / Computer Engineering Laboratories and Workshop for Sustainable Skill Acquisition. **Journal of Engineering, Science and Technology** Vol. 3, No. 2.
- Awosope, C.O.A. & Okoye, C.U. (2003), Rural Electrification: Emerging Technical Consideration for Sustainability in a Developing Economy, **Proceedings**, National Conference of Nigeria Society of Engineers, NSE (Electrical Division).
- Okoye, C.U. (2002), Research as an Engine of Industrial Development. **Nigerian Society of Engineers Technical Transactions**, Vol. 37, No 1. January-March
- Okoye, C.U. (2002), Production of Practically Oriented, Gender – Sensitive Technicians and Crafts men for National Development, **TVET in West Africa**, UNESCO-UNEVOC Publication, Bonn, Germany.
- Makanjuola, S.A & Okoye, C. U. (2001), Derivation of Engineering. Materials from Local Raw Materials for industrial Application, **Proceedings**, NSE national Conference Port Harcourt, pp 115-122
- Okoye, C. U. (2001), Issues and Solutions for Safe Operation and Maintenance of Electrical Equipment, **Proceedings**, National Conference of the Nigerian Society of Engineers (Electrical Division) pp 17 - 24
- Okoye, C. U. (2000) Thomas Edison: The most successful Inventor of the 19<sup>th</sup> Century, **The Bookworm**, Official Journal of NTA, Abeokuta Bookfair, September.
- Okoye, C. U. (2000), Introduction to Electical/Electronic Protection, **Proceedings**, National Workshop Organised by Nigerian Society of Engineers in Conjunction with Pro-Confex Co., Lagos September.
- Okoye, C. U. (2000), Fundamentals of Power, **Proceedings**, National Workshop Organised by Nigerian Society of Engineers in Conjunction with Pro-Confex Co., Lagos September.
- Okoye, C. U. (2000), Components of Protection, **Proceedings**, National Workshop Organised by Nigerian Society of Engineers in Conjunction with Pro-Confex Co., Lagos September.
- Okoye, C. U. (2000), Management of Power Lines Towards Enduring Sustainable Industrial Processes for National Development, **Journal of Biomedical Engineering**, (JMBE), Vol. 1, No 2.
- Okoye, C. U. & Okafor J. C. (2000) Nigeria’s Denegerating Environment; Towards Mitigating a catastrophic Future, **Book of Readings**, National Conference on Development, School of Management, Federal Polytechnic Ilaro, Nigeria.
- Okoye, C. U. (2000) Preparing the Minds of the Young for Engineering Education, **The Bookworm**, Official Journal of NTA, Abeokuta, October.
- Okoye, C. U. (2000), Averting System Failure & Explosion: An Appraisal of Protective Devices, **Book of Readings**, 1<sup>st</sup>National Conference of School of Applied Science Engineering & Environmental Studies, Federal Polytechnic Ilaro, Nigeria. Pp 136 - 143

- Okoye, C. U. (2000), Graduate Unemployment in Electrical Engineering: A Practical Guide to Establishing a Small-Scale Business, **Proceedings**, NSE Elect. Division
- Okoye, C. U. (2000), Electrical Engineering Practice in Nigeria in the next Decade. **Proceedings** NSE Elect. Division
- Okoye, C. U. (2000), Minimising Production Stoppages and Manufacturing Costs in Nigeria's Industries, **Proceedings**, National Engineering Conference of the Nigerian Society of Engineer, (pp. 288-294)
- Okoye, C. U. (1999) Women Empowerment in Engineering for Sustainable Democracy in Nigeria, **Book of Readings**, Third National Conference of the School of Arts and Social Sciences, Federal College of Education (FCE) Abeokuta, November.
- Okoye, C. U. (1999) Technical Education and Sustainable Democracy in Nigeria, **Book of Readings**, Federal College of Education (FCE) Abeokuta, November.
- Okoye, C. U. (1999) Technology at the Threshold of Second Millennium – A Century of Wonders, **The Bookworm**, Official Journal of NTA, Abeokuta Bookfair, Vol. 10 October.
- Okoye, C. U. (1999), Creativity in Engineering: A Critical Factor in Industrialization of a Nation. **The Nigerian Engineer** Official Journal of the Nigeria Society of Engineer, September, pp. 34-38.
- Okoye, C. U. (1998) Mechanic Villages in Nigeria: A Potent Factor in the Establishment of Cottage Industries; **Proceeding**, National Conference of Nigerian Society of Engineers (Electrical Division).
- Okoye, C. U. (1998) Mastering the Art of Writing: May your Road be Rough, **The Bookworm**, Official Journal of NTA, Abeokuta Bookfair, Vol. 10 Sept. pp 10 – 12.
- Okoye, C. U. (1998) Engineering Needs of Our Local Industries Today and Tomorrow: A Case for Exploiting the Potentials of Our Post Primary Institutions, **Proceeding**, National Conference of Nigerian Society of Engineers (Electrical Division).
- Okoye, C. U. (1998) Combating Illegal Connections – Towards Enhancing the Efficiency of Nigeria's Major Utility Industry, **Proceedings** of the 5th Annual National Engineering Conference of the Kaduna Polytechnic, December.
- Okoye, C. U. (1998) Research as a Correlate of Industrialisation in Developing Economies. **Proceeding**, National Conference of Nigerian Society of Engineers (Electrical Division), NEC, Lagos.
- Okoye C. U. (1997), Science and Technical Progress: Learning from the First Space Flight and the Historical Moonwalk, **The Bookworm**, Official Journal of NTA, Abeokuta Bookfair, Vol. 10 Sept. pp 30 – 32.
- Okoye C. U. (1997), The Role of Technicians and Craftsmen in a Developing Country, **Engineering Crafts Journal**, a Journal of the Nigerian Association of Engineering Craftsmen (NAEC), Vol. 1, Nov. pp 20 – 23.
- Okoye, C. U. (1997), Exploiting the Vast Resources of Nigeria: A Case for Appropriate Training of Engineering Personnel. **Proceedings** Nigerian Society of Engineers (NSE), International Engineering Conference, pp 126 – 140.
- Okoye, C. U. (1996), Creativity Inhibitors: A Factor Militating against the Production of Technological Engineers in a Depressed Economy. **Proceedings** of the Nigerian Society of Engineers (NSE), National Engineering Conference, Dec, pp. 1 – 11

- Okoye, C. U. (1992), Proper Training of Engineering Team Conserves Resources and Prevents Catastrophe, **Technical Proceedings**, National Conference on Petroleum, Petroleum Training Institute. Effurun, Vol. 1, pp 92 – 111.

**b. Book Chapters / Book Publications**

Published Textbooks = 2

- Okoye, C. U. (2005) Problems, Solutions and Tutorials in Electrical Power and Machines, Pentagon Publishers, Ilaro, Nigeria.
- Okoye, C. U. (2005) Worked Example in Electrical Measurement, Instrumentation and Circuits, Pentagon Publishers, Ilaro, Nigeria.

**c. Conference papers**

Papers Presented at Conferences and Workshops = 140 +

**Some of the conference papers presented are:**

- Okoye, C. U., and Omolola, S. A. (2020), Safety – Related Issues in Installation, Maintenance and Use of Electrical Equipment and Precautions, Paper presented at 1st National Conference on Research and Innovation Through Academia-Industry Synergy: Panacea for Technological and National Development in Post COVID-19 Era, Nigerian Society of Engineer, Ilaro Branch, November 2020.
- Okoye, C. U; Adejumobi, I. A.; Bitrus, I. & Adelakun. N.O. (2020), Analysis of Grid Connected Independent Power Plant Capabilities On Electricity Generation Spectrum in Nigeria, Paper presented at 1st National Conference on Research and Innovation Through Academia-Industry Synergy: Panacea for Technological and National Development in Post COVID-19 Era, Nigerian Society of Engineer, Ilaro Branch, November 2020.
- Okoye, C. U. & Adelakun, N. O. (2019), Design and Evaluation of Electrical Services for an Energy Efficient Home, Paper presented at 4th National Conference on Growing the National Economy through Technological Advancement, Engineering, Innovation and Application, School of Engineering, The Federal Polytechnic, Ilaro, Ogun State, Nigeria.
- Okoye, C. U.; Omolola, S. A., Adelakun, N. O. & Bitrus, I. (2019), Retooling Nigeria’s Electricity Generation Sub – System for Sustainable Grid Operation, Paper presented at 4th National Conference on Growing the National Economy Through Technological Advancement, Engineering, Innovation and Application, School of Engineering, The Federal Polytechnic, Ilaro, Ogun State, Nigeria.
- Okoye, C. U. (2019) Nigeria’s Electric Grid: Sharing Field Experience in Search of Grid Integrity; Technical Paper Presented at the February monthly Meeting of the Nigerian Society of Engineers, Ilaro branch, Nigeria.
- Okoye, C. U., Alao, M. J., Bitrus, I., Adelakun, N. O. & Abdulhamid, I. G. (2018), A Study and Analysis of Energy Generation and Consumption in Dangote Cement Plant, Ibese, Nigeria, Paper presented at 1st International Conference & Exhibition on Technological Innovation and Global Competitiveness, The Federal Polytechnic, Ilaro, Ogun State, Nigeria.
- Bitrus, I., Okoye, C. U. & Abdulhamid, I.G. (2018). The need to embrace Tidal Power Plant in Nigeria for Global Competitiveness in Power Sector, Paper presented at 1st International Conference & Exhibition on Technological Innovation and Global Competitiveness, The Federal Polytechnic, Ilaro, Ogun State, Nigeria.

- Okoye, C. U. (2018), Enhancing Electricity Generation Capacity in Africa through Revamping Coal-fired Power plants: A Case Study of Nigeria; Paper presented at the 40<sup>th</sup> Anniversary International Conference, The Commonwealth Association of Technical Universities and Polytechnics in Africa (CAPA), Abuja, Nigeria. August 27 – 31.
- Okoye, C. U. (2018), Industrialising a Nation through Commercialisation of Technological Inventions and Innovations in Tertiary Institutions; paper presented at the 40<sup>th</sup> Anniversary International Conference, The Commonwealth Association of Technical Universities and Polytechnics in Africa (CAPA), Abuja, Nigeria. August 27 – 31.
- Okoye, C. U. (2018), Monitoring and Evaluation of Nigeria's TETFund Sponsored Research Activities in the Polytechnics: Sharing an Experience with Sister African Institutions. Paper presented at the 40<sup>th</sup> Anniversary International Conference, The Commonwealth Association of Technical Universities and Polytechnics in Africa (CAPA), Abuja, Nigeria. August 27 – 31.
- Okoye, C. U., Adejumobi, I. A., Bitrus I., & Adedokun, A. G. (2018), Analysis of Crossborder Electricity Transactions in Nigeria. Paper presented at the 13<sup>th</sup> Annual University of Lagos Conference & Research Fair, Lagos, Nigeria; August 28 – 30.
- Okoye, C.U (2017), Analysis of Power Plant Capabilities in Nigeria's Electric Grid System for Energy Security, paper presented at 12<sup>th</sup> UNILAG Annual Research Conference & Fair, University of Lagos, Nigeria, August 15-17.
- Okoye, C.U (2017), A Study and Analysis of System Disturbances on Nigeria's Electric Grid Network, paper presented at 12<sup>th</sup> UNILAG Annual Research Conference & Fair, University of Lagos, Nigeria, August 15-17.
- Adejumobi, I.A. & Okoye, C.U. (2015), Key Issues in Energy Distribution for Improved Power Delivery, International Conference on Scientific and Cultural Innovations, University of Ibadan, Nigeria, Oct. 8-9.
- Okoye, C.U. (2015), A Sensitization on Accelerated Exploitation of Nigeria's Renewable Energy Potentials, African Regional Conference on Sustainable Development, University of Abuja Teaching Hospital, Feb. 9-12
- Okoye, C. U. (2012), Encouraging the Selection Application and Maintenance of Uninterruptible Power Supply (UPS), presented at 2<sup>nd</sup> National Engineering Conference, School of Engineering, Federal Polytechnic, Ilaro, Ogun State, Nigeria; November.
- Okoye, C. U. (2012), Electricity Generation in Nigeria: An Assessment and Key Issues for improvement of Power Sector, presented at 2<sup>nd</sup> National Engineering Conference, School of Engineering, Federal Polytechnic, Ilaro, Ogun State, Nigeria; November.
- Okoye, C. U. (2011), Unbundling and Mitigating Socio – Economic Problems of Nigeria Through Technical and Vocational Education and Training. **A Lead Paper** presented at the **Plenary Session** of the Fourth National Conference of the Academic Staff Union of Polytechnic, The Federal Polytechnic, Ilaro, Nigeria, Nigeria Chapter. Sept 6.
- Okoye, C. U. (2010), Proposal Writing for International Funding, 2010 Retreat of the School of Management Studies, Federal Polytechnic, Ilaro, Nigeria, Jan 07.
- Okoye, C. U. (2009), Collaborative Research: A Synergistic Approach to Socio-Economic Development of Nigeria. **A Lead Paper** presented at the **Plenary Session** of the First Annual Conference, School of Applied Science, The Federal Polytechnic, Ilaro, Ogun State, Nigeria, Nigeria; Nov 26-30
- Okoye C. U. & Adelusi I. A. (2009), Polytechnic Education and National Development: Issues, Challenges and Solutions. Presented at 5<sup>th</sup> Annual Conference on Contemporary

Challenges in Sustainable Development of Third World, University of Lagos. Nigeria. May.

- Okoye C. U. & Olowofela S. S. (2009), Towards Sustainable Electricity Distribution and Utilization in Nigeria. Presented at 5<sup>th</sup> Annual Conference on Contemporary Challenges in Sustainable Development of Third World, University of Lagos. Nigeria. May.
- Okoye, C. U. & Odunnaike, J. A. (2009), Award of B. Tech in the Polytechnics: The Middle-Level Manpower Question. Third International Conference on Scientific and Industrial Studies, University of Benin, Nigeria, February 11-12.
- Okoye, C. U. (2009), Environmental Implications of Wind Power Projects in Nigeria. Third International Conference on Scientific and Industrial Studies, University of Benin, Nigeria, February 11-12.
- Ogunyemi, J. & Okoye, C. U. (2009), Energy Management for Efficient Productive Activities in an Economy in Distress, Fifth International Conference on Scientific and Industrial Studies, University of Nigeria, Enugu Campus Oct 15 - 18.
- Bamgboye, O. P. & Okoye, C. U. (2009), Electricity Generation, Consumption and Management: Towards Strategic Repositioning of Nigeria's Power Sector for Sufficiency and Optimum Performance.
- Okoye, C. U. (2008), Youth Motivation for Right Future Leadership: Implications on Social Responsibilities of Religious Leaders. Lecture presented at Olagoke Education Foundation, 2008 Annual Education Competition, Olagoke Legacy Centre, Wakajaye, Ibadan, October.
- Okoye, C. U. & Soladoye M. A. (2008), Transformer Usage and Abuse in a Developing Economy: Technical Issues and Solutions for Improved Energy Management. International Conference on Research & Development, Institute of African Studies, University of Ghana, Nov. 26-27.
- Okoye C. U. & Ali N. A. (2008), Towards Efficient Electricity Generation. A Case Study of Nigeria's Generation Facilities. International Conference on Research & Development, Institute of African Studies, University of Ghana, Nov. 26-27.
- Okoye, C. U. (2008), Evaluation of Student Performance in the School of Engineering. The First School of Engineering Retreat, Federal Polytechnic Ilaro. Nigeria. Oct.
- Okoye, C.U. (2007), Re-engineering Rural Electrification Practice in Nigeria, presented at the International Conference in Engineering Research and Development, University of Uyo, Nigeria, March.
- Okoye, C.U. (2006), Electric Power Plant Siting for Sustainable Development, Paper Presented at the National Engineering Conference, Nigerian Society of Engineers, held at Abeokuta, Nigeria.
- Adeyeye, M. K. & Okoye, C. U. (2006), A Study and Assessment of Existing Power Distribution Network in Ilaro Town for Sustainable Development. Presented at the First ASUP. Feb. Polytechnic Ilaro Chapter, National Conference, June.
- Ebiojuomore E. & Okoye, C. U. (2006), Electricity Generation and Distribution: Issues and Enduring Solutions for Sustainable National Development. Presented at the First ASUP. Fed Polytechnic Ilaro Chapter, National Conference, June.
- Okoye, C.U. (2006), Nigeria's Energy Crisis: The Micro- Hydro Power Option. Paper presented at 6<sup>th</sup> ASUP, National Conference, Yaba College of Technology, Lagos, Nigeria, November.



- Okoye, C. U. (2006), Mitigating the Energy Crisis in Nigeria: The Nuclear Power Option and Impact on the Environment, Presented at First National Conference, School of Environmental Studies, Federal Polytechnic, Ado – Ekiti, October.
- Okoye, C. U. (2006), Practical Experiences Arising from Job Performances in Industries: An Electrical Engineer’s Account. **Invited Paper** Presented at the 2<sup>nd</sup> International Conference on Science and Technology, International Research and Development Institute, University of Nigeria, Nsukka, November.
- Okoye, C. U. (2006), Basic Considerations for Designing Single – Phase Induction Motors for Domestic, Commercial and Industrial Applications. Paper Presented at the 2<sup>nd</sup> International Conference on Science and Technology, International Research and Development Institute, University of Nigeria, Nsukka, November.
- Okoye, C.U. (2005), Space Exploration: Nigeria’s Experience. **Lead Paper** presented at the 5<sup>th</sup> Academic Staff Union of Polytechnics (ASUP), National Conference, Federal Polytechnic, Bida, Nigeria, November.
- Awosope, C.O.A. & Okoye, C.U. (2004), Industry- Related Engineering Practices for Safety and Enhanced Productivity, presented at the Nigerian Society of Engineers (Electrical Division), National Conference, Sheraton and Towers, Lagos, Nigeria.
- Awosope, C.O.A. & Okoye, C.U. (2003), Rural Electrification: Emerging Technical Consideration for Sustainability in a Developing Economy, presented at the National Conference of the Nigeria Society of Engineers (Electrical Division), Sheraton Hotels, Lagos, Nigeria, October.
- Okoye, C. U. (2001), Power Quality Enhancement: A Challenge to Utility Board and Consumers for Nigeria’s Sustainable Development. National Conference organise by Nigerian Institute of Biomedical Engineering, Umuahia.
- Okoye, C. U. (2001), Management of Power Sub-Stations for Sustainability and Safe Practice in Transmission and use of Electricity, National Conference organise by Nigerian Institute of Biomedical Engineering, Umuahia.
- Okoye, C. U. (2001), Issues and Solutions for Sale Operation and Maintenance of Electrical Equipment. National Conference, Nigerian Society of Engineers (Electrical Division), Sheraton Hotels, Lagos, Oct. 2001.
- Okoye, C. U. (2000), Averting System Failure and Explosion: An Appraisal of Protective Devices in Energy Generation, Transmission and Utilisation. Paper presented at 1<sup>st</sup> National Conference, School of Applied Science, Engineering and Environmental Studies, Federal Polytechnic, Ilaro, Nigeria.
- Okoye, C. U. (2000), Electrical Engineering Practice in the Next Decade. Paper Presented at the National Engineering Conference of Nigerian Society of Engineers, Electrical Division, National Engineering Center, Lagos, October 10.
- Okoye, C. U. (2000), Graduate Unemployment in Electrical Engineering: A Practical Guide to Establishment of a Small-Scale Business. Paper Presented at National Engineering Conference of NSE (Elect. Div.), Lagos.
- Okoye, C. U. (2000), Minimising Production Stoppages and Manufacturing Costs in Nigeria’s Industries. Paper Presented at the National Engineering Conference of Nigerian Society of Engineers, Sheraton Hotel and Tower, Abuja, Nov.
- Okoye, C. U. (2000), Management of Power Lines: Towards Ensuring Sustainable Industrial Processes for National Development. Paper Presented at the First National

Biomedical Engineering Conference of Nigerian Institute of Biomedical Engineering, Benin, October.

- Okoye, C. U. (1999) Technical Education and Sustainable Democracy in Nigeria, Paper Presented at the Third National Conference of the School of Arts and Social Sciences, Federal College of Education (FCE) Abeokuta, November.
- Okoye, C. U. (1999) Women Empowerment in Engineering for Sustainable Democracy in Nigeria, Paper Presented at the Third National Conference of the School of Arts and Social Sciences, Federal College of Education (FCE) Abeokuta, November.
- Okoye, C. U. (1999) Physics and the Professions: Towards Enhancing Physics Education in the Third Millennium. Paper Presented at the 22<sup>nd</sup> Annual Conference of Nigerian Institute of Physics (NIP), Federal University of Technology, Akure, Nigeria. 15<sup>th</sup>-18<sup>th</sup> September.
- Okoye, C. U. (1999) A Study of Career Interest Among Secondary School Students in Yewa South Local Government Area of Ogun State. Paper Presented at the 22<sup>nd</sup> Annual Conference of Nigerian Institute of Physics (NIP), Federal University of Technology, Akure, Nigeria. 15<sup>th</sup>-18<sup>th</sup> September.
- Okoye, C. U. (1999) Engineering and Human Condition in the Third Millennium: History Perspective and Vision for the Future. Paper Presented at the Symposium of the National Association of Polytechnic Engineering Students, (NAPES), Federal Polytechnic, Ilaro Chapter, 15<sup>th</sup> July.
- Okoye, C. U. (1999) Mechanic Villages in Nigeria; A Potent Factor in Establishment of Cottage Industries in Nigeria. Paper Presented at the Seminar Organized by the School of Engineering, Federal Polytechnic, Ilaro, Ogun State, Nigeria. 15<sup>th</sup> July.
- Okoye, C. U. (1999) Restructuring Nigeria's Polytechnics for Production of Quality Technical Manpower for Engineering Challenges of the Third Millennium. Paper Presented at the National Conference on Development, Organized by the School of Management Studies, Federal Polytechnic, Ilaro, Ogun State, Nigeria. 7<sup>th</sup>-10<sup>th</sup> June.
- Okoye, C. U. (1999) Exploiting the Potentials of Biogas as an Energy Supplement in a Depressed Economy. Paper Presented at the National Conference on Development, Organized by the School of Management Studies, Federal Polytechnic, Ilaro, Ogun State, Nigeria. 7<sup>th</sup>-10<sup>th</sup> June.
- Okoye, C. U. (1999) The Importance of Enforcing the Proper Science Arts Ratio in the Admission Policy of Nigeria's Polytechnics. Paper Presented at the Symposium Organized by the Excel Club, Federal Polytechnic, Ilaro, Ogun State. Nigeria. 11<sup>th</sup> March.
- Okoye, C. U. (1999) Technical Creativity: A Missing Link in a Nation in Dire Need of Industrialisation. Paper Presented at the Technical session of the Nigerian Society of Engineers, (NSE), Abeokuta Branch, Abeokuta 8<sup>th</sup> April.
- Okoye, C.U. (1998), Research as a Correlate of Industrialization in Developing Economies. Paper presented at the 7<sup>th</sup> National Engineering Conference of Nigerian Society of Engineers, Electrical Division, National Engineering Center, Lagos, October 10.
- Okoye, C. U. (1998), Creativity in Engineering: A Critical Factor in Industrialization of a Nation. Paper presented at the 5<sup>th</sup> Annual National Engineering Conference Organised by Kaduna Polytechnic, Kaduna, 10<sup>th</sup> – 11<sup>th</sup> Dec.

- Okoye, C. U. (1998), Combating Illegal Connections – Towards Enhancing the Efficiency of Nigeria’s Major Utility Industry. Paper presented at the 5<sup>th</sup> Annual National Engineering Conference Organised by Kaduna Polytechnic, Kaduna, 10<sup>th</sup> – 11<sup>th</sup> Dec.
- Okoye, C. U. (1998), Engineering Needs of Our Local Industries Today and Tomorrow: A Case for Exploiting the Potentials of Our Post Primary Institutions. Paper Presented at the 7<sup>th</sup> National Engineering Conference of the NSE, Electrical Division, National Engineering Centre, Lagos, 10<sup>th</sup> Oct.
- Okoye, C.U. (1997), Exploiting the Vast Resources of Nigeria: A Case Study for Appropriate Training of Engineering Personnel, Paper presented at the International Engineering Conference of the Nigerian Society of Engineers, Lagos Airport Hotel, Ikeja, Nigeria, December 8-13.
- Okoye, C. U. (1997), Rural Electrification – Towards Engineering a rural Community to life. Paper Presented at the 6<sup>th</sup> National Engineering Conference of the Nigeria Society of Engineers, (NSE), Electrical Division, Management House, NIM, Lagos.
- Okoye, C.U. (1996), The Role of Technicians and Craftsmen in A Developing Nation. Paper Presented at the Firsts National Conference and AGM of the Nigerian Association of Engineering Craftsmen (NAEC), National Engineering Centre, Victoria Island, Lagos 28<sup>th</sup> Nov.
- Okoye, C.U. (1995), Electrical Accidents, Management and Safety Consciousness. Paper Presented at the National Conference for Entrepreneurship Education. Federal College of Education (Tech) Umunze.
- Okoye, C.U. (1995), Technical Manpower Shortfall in Agriculture: A Case for Establishing Monolithic Agricultural Colleges in Nigeria. Paper Presented at the National Conference for Entrepreneurship Education. Federal College of Education (Tech) Umunze.
- Okoye, C.U. (1995), Creativity Inhibitors- A Factor Militating against the Production of Technological Engineers in a Depressed Economy, Paper delivered at the Plenary Session, National Engineering Conference and Annual General Meeting of the Nigerian Society of Engineers, Sani Abacha Cultural Center, Benin City, Nigeria.
- Okoye, C.U. (1994), Japanese Institutions: A Model for Nigeria’s Technological Growth. Paper Presented at the National Conference on Science, Technology and Socio-Economic Development, Organized by Federal University of Technology, Yola in Collaboration with the National Institute for Policy and Strategic Studies (NIPSS), Kuru, Held in FUTY.
- Okoye, C.U. (1994), Searching for Local Raw Materials for Fabrication of Discrete Electric Components. Paper Presented at the National Conference on Science, Technology and Socio-Economic Development, Organized by Federal University of Technology, Yola in Collaboration with the National Institute for Policy and Strategic Studies (NIPSS), Kuru, Held in FUTY.
- Okoye, C.U. (1992), The Education of a Child with a Technical Mind-Towards Enhancing the Inventions and Discovery Potentials of Our Time. Paper Presented at the first Alvana International Conference on Educational Studies and Research (ALCOESAR) Held at Alvan Ikoku College of Education, Owerri. 10<sup>th</sup> – 13<sup>th</sup> August.
- Okoye, C.U. (1992), Proper Training of Engineering Team Converts Resources and Prevents Catastrophy, Paper Delivered at the National Conference on Petroleum Held at the Petroleum Training Institute, Effurun, Delta State, 13<sup>th</sup>-15<sup>th</sup>

- Okoye, C.U. (1991), Impact of Science and Technology on Mankind: Is the Struggle Worth it? Paper Presented During the Mechanical Engineering Week, School of Engineering, Federal Polytechnic, Mubi. Adamawa State.
- Okoye, C.U. (1991), A Case for the Introduction of History of Invention, Innovation and Discovery in the Curricular of Technological Education of Nigeria, Paper Delivered During the Education Week of the School of Education, Department of Education (Tech), Federal Polytechnic, Mubi.

#### **d. Unpublished Project & Dissertation**

- “Design and Construction of 1-Phase, shaded-pole induction motor”. B.Eng. Thesis (Unpublished) Anambra State University of Technology, Enugu, Nigeria. (1986).
- “Design and Construction of a Lead-Acid Battery”. COREN Reg. Project (1996)
- “Design and Construction of Electric Incubator for Cottage Industries”, a mini-project for M.Sc. degree (unpublished), Department of Electrical/Electronic Engineering, University of Lagos, Nigeria (2001)
- “Assessment, Analysis and Solutions to Electric Energy Supply and Utilisation: A Case Study of Industries in Sango-Ota Town and Agbara Industrial Estate”, Major Thesis for M.Sc. degree (unpublished), Department of Electrical/ Electronics Engineering, University of Lagos, Akoka, Lagos, Nigeria (2002).
- “Gender Influence on Career Choice in Engineering: A Case Study of Post-Primary Schools in Yewa South Local Government Area of Ogun state”. M.Ed. Thesis (unpublished), International Center for Educational Evaluation, Institute of Education, University of Ibadan, Nigeria, 1999.

### **11. Major Research Undertaken**

- Design and Development of Automated Micro controller- Based Portable Egg Incubator with Power Backup (a TETFUND sponsored project).
- Development and Testing of Three- Phase Automatic Phase Discrimination (a TETFUND sponsored project).
- A Novel Power Distribution Planning Brief for Ilaro Town, Ogun state, Nigeria.
- Gender- sensitizing mechanic village: A credible entry point for better life and poverty alleviation.

#### **Web Precense**

- ORCID Page: <https://orcid.org/0000-0002-0757-052X>
- Google Scholar Page: <https://scholar.google.com/citations?user=2xvg8SEAAA&hl=en>
- Researchgate Page: <https://www.researchgate.net/profile/Cletus-Okoye>
- SSRN Page: [https://papers.ssrn.com/sol3/cf\\_dev/AbsByAuth.cfm?per\\_id=4147004](https://papers.ssrn.com/sol3/cf_dev/AbsByAuth.cfm?per_id=4147004)
- Academia Page: <https://fpi.academia.edu/CletusOkoye>
- Frontiers Page: <https://loop.frontiersin.org/people/1474822/overview>
- Publons Page: <https://publons.com/researcher/4648946/cletus-uche-okoye/>
- Livedna Page: <https://livedna.org/234.36575>

- Semantic Scholar Page: <https://www.semanticscholar.org/author/Cletus-U.-Okoye/1753000525>
- Science Open Page: <https://www.scienceopen.com/user/cletus-okoye>
- Dimensions Page: <https://app.dimensions.ai/details/entities/publication/author/ur.011655040051.94>
- Figshare Page: [https://figshare.com/authors/Cletus\\_Uche\\_Okoye/11352618](https://figshare.com/authors/Cletus_Uche_Okoye/11352618)
- Dissem Page: <https://dissem.in/search/?authors=cletus+uche+okoye>
- Open Access Journal Page: <https://www.openaccessjournal.com/user-profile/2759>

## 12. Community Services

1. Chairman, Anambra Progressive Union, Ilaro branch, Ogun state, Nigeria.
2. Chairman, Aguata Development Association, Ilaro branch, Ogun state, Nigeria.
3. Member and Auditor Igbo Welfare Association, Ilaro, Ogun state, Nigeria.
4. Chairman, Church Management Committee, Winners' Chapel, Powerline, Ilaro, Ogun state, Nigeria
5. Member, Community Development Association, Aregbayo, Ikosi quarters, Ilaro, Ogun state, Nigeria.
6. Major contributor of the articles to the Federal Polytechnic, Ilaro newsletter since 1995
7. Guest writer (since 1997) for Nigerian Television Authority's journal: **The Bookworm**
8. President Child Development Africa, Ilaro (NGO), Ogun state, Nigeria.
9. Patron, Pilot Press Club, Federal Polytechnic, Ilaro
10. Patron, Federation of Igbo Students, Federal Polytechnic, Ilaro
11. Staff Adviser, National Association of Polytechnics, Engineering Students, Federal Polytechnic, Ilaro
12. Patron, Winners' Chapel Campus Fellowship, Federal Polytechnic, Ilaro
13. Career Talks under the auspices of Nigerian Society of Engineers, Ilaro branch, and Committee on the Enhancement of Career Development of Secondary Schools in Ilaro respectively.
14. Contribution of articles / features and debates in National newspapers since 1983.
15. Coordinator, FPI Covid-19 Palliatives Project, 2020.
16. Chairman, Scholars' Desks Initiative (SDI), 2021 to date

## 13. Some of My Published Articles in Nigerian Dailies

S/N	TITLES	NEWSPAPERS	DATES OF PUBLICATION AND PAGES
1.	So Prof. Diko is no more?	Satellite	17/12/83 p.4
2.	Which Way Nigerian Universities	Daily Star	16/2/83 p. 11
3.	JAMB Candidates: Choice and Errors	New Nigerian	5/3/85 p. 12
4.	Osu Caste System: Nothing but a suppressionist Design	Daily Star	11/4/85 p. 11
5.	This Great God (A poem)	Sunday Satellite	21/4/85 p. 11
6.	Funding the University – A way out	Daily Star	2/5/85 p. 11

7.	Developing Technology – Isaac Newtons in our Midst Need Encouragement	Daily Star	31/5/85 p. 11 Centre Spread
8.	Financing Education of the Poor – The Education loans Bureau	Daily Star	15/7/85 p. 5
9.	Technical Exams in Nigeria	Daily Star	19/9/85 p. 9
10.	Food and a Nation’s Stability	Daily Star	17/10/85 Centre Spread
11.	Industrial “Scraps” and Cost Conservation in Nigeria	Statesman	19/11/85 p.5
12.	Of Scraps and Unserviceables	Daily Star	30/12/85 p. 5
13.	IMF Loan: Nigeria’s Second Suicide Bid?	Daily Star	30/11/85 p. 11
14.	Road Accidents: They don’t occur, they are caused.	Daily Star	7/1/86 Centre Spread
15.	Road Accident: Frightening Statistics	Statesman	25/11/87 p. 5
16.	Academic Disciplines and Nigeria’s Needs.	Weekly Star	16/3/86 Centre Spread
17.	Academic Excellence thrown to the Dogs.	Daily Star	13/8/86 p. 3
18.	Legalizing Prostitution: Away with it.	Daily Star	3/9/86 Centre Spread
19.	ASUT and Computers: A Trumpet of War?	Daily Star	26/11/84 p. 5
20.	Has God any Postal Address?	Sunday Satellite	9/12/84 p. 12
21.	Sing both verses of the Anthem	Daily Star	5/3/85 p. 3
22.	Nigeria’s Tertiary Education	New Nigerian	30/12/91 p. 5
23.	How hopeless is our Educational System?	News line	5/2/92 p.6
24.	Plough man (A Poem)	New Nigerian	16/5/92 p.8
25.	Nigeria’s Food Crisis	Sunday New Nigeria	24/5/92 p. 8.
26.	Tears I couldn’t Resist (A Poem)	New Nigeria	6/6/92 p. 8
27.	Mathematics and Engineering Studies.	Daily Times	21/8/96 p. 7
28.	Relevance of General Studies in Tertiary Institutions	Daily Times	18/9/96 p. 6
29.	Religious Leaders’ Role in Youth Motivation for Right Leadership	Oodua News	October 23-29, 2008 (Centre Spread)
30.	Academics Scold Leaders and Clerics	Freedom Newspaper	November 10-16, 2008

#### 14. Publications Made in The Federal Polytechnic, Ilaro Newsletter

S/N	TITLE OF ARTICLE	DATE PUBLISHED/EDITION
1.	Makanjuola: An Engineer in the Order of Heelas?	Vol. 4, No. 7 pp.3,5,10
2.	Language Power as an Engine of Communication	Vol. 4, No. 7 pp.10
3.	Citation on Engr. (Dr.) S.A. Makanjuola: The Rector, Federal Polytechnic, Ilaro	Vol. 5, No. 12, Jan-Mar. 1998 pp.2-3
4.	Of Books, Biographies and the Making of Engineers and Scientists	Vol. 5, No. 12, Jan-Mar. 1998
5.	What is Mathematics?: A Rejoinder Part II	Vol. 3, No. 7, p.3
6.	What is Mathematics?: A Rejoinder Part I	Vol. 3, No. 6, p.3 July-Sept. 1996
7.	Contribution to Scientific and Engineering Knowledge: A tribute to 19 <sup>th</sup> Century Most Successful Inventor	Vol. 6, No. 15.

8.	Mastering the Art of Writing: May your Road be Rough (I)	Vol. 5, No. 13, April-June 1998, p.8,5
9.	Mastering the Art of Writing: May your Road be Rough (II)	Vol. 5, No. 14, April-June 1998, p.8
10.	English Language: We are all Victims	Vol. 3, No. 8, p.10
11.	Early Days of Technical Progress – Satanic Chapters [part I]	Vol. 4, No. 10 July-Sept. 1997, pp. 3&2.
12.	Early Days of Technical Progress – Satanic Chapters [part II]	Vol. 4, No. 11 Oct.-Dec. 1997 pp. 3 & 2.
13.	Nigeria Needs 255,000 Engineers by 2001 (I was quoted)	Vol. 6 No. 16 April-June, 2001
14.	Are Women a Negation of God’s Plan for Mankind?	Vol. 6 No. 16 April-June, 2001
15.	Space Exploration in Nigeria	
16.	Repositioning Nigeria Engineers for Accelerated National Development	
17.	Africa, Revolution and Zik: A Tribute to a Colossius	Vol. 7, No. 21, July-Sept., 2007
18.	Unemployment in Engineering Profession Towards Generating Employment Opportunities in a Depressed Economy” Pub. in Techno Dynasty, NAPES Magazine, 2006.	
19.	The Computer: History and Development Trend	Vol. 6, No. 17, April-June 2006
20.	Strategic Thinking, Tactics and Goal-Reaching in Management: A Case Study of the Federal Polytechnic Ilaro, Part I	Vol. 7, No. 21, Oct-Dec. 2007
21.	Strategic Thinking, Tactics and Goal-Reaching in Management: A case Study of the Federal Polytechnic, Ilaro, Part II.	Vol. 7, No. 23, Jan-March 2008
22.	Isaac Newton: Mentoring for a career in Science and Engineering	Vol. 7, No. 20, April-June 2008
23.	“Book Industry and National Development	Vol. 7, No. 24, April-June 2008
24.	Tai Solarin: The Icon Lives on	
25.	Creativity and Industrialization of a Nation	Vol. 9, No. 3, July-Sept 2009

## 15. Extra – Curricular Activities

Farming, and charity visits/humanitarian work.

## 16. Referees

1. Rev. A.E. Daniel  
Chief Lecturer and Former Dean,  
School of Management,  
Federal Polytechnic, Ilaro,  
Ogun state.
2. Prof. C.O.A. Awosope  
Department of Electrical and Information Engineering,  
Covenant University,  
Ota,  
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3. Engr. T.S. Sogbaike  
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