

CURRICULUM VITAE

1. Biodata

- (i) **Name:** **OGUNYEMI, Joel**
- (ii) **Date & Place of Birth:** 5th September, 1970; Odo-Owa. Kwara State
- (iii) **Gender:** Male
- (iv) **State of Origin:** Kwara-State
- (v) **Nationality:** Nigerian
- (vi) **Marital Status:** Married
- (vii) **Numbers and Ages of Children** 3: 10, 6 & 4.
- (viii) **Religion** Christianity
- (ix) **Contact Address:** P.O. Box 153, Ilaro, Ogun State.
- (x) **E-Mail:** joelogunyemi@gmail.com; yemi_j@yahoo.com
- (xi) **Telephone Number:** 08052220569
- (xii) **Present Position:** **Senior Lecturer**

2. Institutions Attended (with dates):

School /Universities Attended	Dates
Community Primary School Alapoto, Emure Ekiti, Ekiti State.	1976-81
Babalola Memorial Grammar School, Odo-Owa, Kwara-State	1981-86
Government Secondary School, Kwali, Abuja	1986-87
University of Ilorin, Ilorin, Kwara-State	1989-94
University of Lagos, Nigeria	2002-2009
Federal University of Agriculture Abeokuta (FUNAAB), Abeokuta, Ogun-State	2010- till date

3. Academic and Qualifications Obtained (with dates):

First School Leaving Certificate	1981
WASC/GCE O/L	1987
B.Eng.(Hons), Electrical Engineering, Second Class Lower	1994
M.Sc. (Hons) Electrical/Electronic Engineering	2009
M.Phil. Electrical/Electronic Engineering	2011
Ph.D. Electrical/Electronic Engineering	In-view

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4. Professional Qualifications Obtained (with dates):

Council for Regulation of Engineering in Nigeria (COREN) Registered (R.20, 220) 2011

5. Membership of Learned Societies & Professional Bodies:

- i. Corporate Member: Nigerian Society of Engineers (2010) (Registration No: 23167)
- ii. International Association of Engineers (IAENG): Membership no: 131266
- iii. Instrumentation Society of Automation (On-line Member) (2004)
- iv. Member: International Research and Development Institute (2010)

6. Working Experience

a. Academic experience

i) Teaching experience: 13 years

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| i) | Gateway Polytechnic, Igbesa, Ogun State. | 2006-2007 |
| ii) | Federal Polytechnic Ilaro, Ilaro, Ogun-State | 2007 to date |

ii) Courses taught;

(1) Control Engineering I, II & III. (2) Electrical Measurement and Instrumentation I, II & IV. (3) Power Electronics (4) Research Methodology. Process Measurement, Instrumentation Design & Drafting; Pneumatic Instrumentation.

iii) Research Interest: Power quality, Energy management, Measurement & control.

iv) Academic Leadership Positions

b. Administrative experience

- i) Head of Department (Acting), Department of Electrical Engineering, The Federal Polytechnic Ilaro, Ilaro, Ogun-State. Sept 2012 to March 2016.
- ii) Unit Head: Instrumentation & Control Option, Department of Electrical Engineering, The Federal Polytechnic Ilaro, Ilaro, Ogun-State. 2016 till date.
- iii) Examination Officer: Department of Electrical Engineering, Federal Polytechnic Ilaro (2007-2010)
- i) **Member:** Student's Union Electoral Committee (SUEC) (2016-2017).

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ii) **Member:** Committee on Research laboratory 2017

7. Service outside the Federal Polytechnic Ilaro:

- i. **Coordinator:** Deeper Life Bible Church (Federal Polytechnic Ilaro Campus) (2009-2019)
- ii. **Region Coordinator:** Deeper Life Campus Fellowship (DLCF), Yewa Region, Ogun-State (2009- 2019)
- iii. **Youth Region Coordinator:** Deeper Life Students Outreach (DLSO), Yewa Region, Ogun-State (2019-till date)
- iv. **Secretary (Protem):** Nigerian Society of Engineer (NSE) Ilaro Branch. (2015-July2016)
- v. **Chairman (Protem):** Nigerian Society of Engineer (NSE) Ilaro Branch. (July 2016-Nov 2018)
- vi. **Chairman:** Nigerian Society of Engineer (NSE) Ilaro Branch. (Nov 2018-till date)

8. Scholarship/Fellowship &Prices- Nil

9. Academic Publications:

a. Journals Publications:

- i. **Ogunyemi, J.&Adejumobi, I.A.** (2018) Effects of Replacing Incandescent Bulb with Compact Fluorescent Lamp (CFL) In Electric Power System. LAUTECH Journal of Engineering and Technology, Ogbomosho, Nigeria.
- ii. **Ogunyemi, J (2016)** Analysis of Power Quality Parameters in ICT Environment American Journal of Engineering Research (AJER). e-ISSN: 2320-0847 p-ISSN : 2320-0936 Volume-5, Issue-12, pp-276-281 www.ajer.org
- iii. **Ogunyemi, J.&Adejumobi, I.A.** (2016) Combating The Fundamental Problems Affecting Power Quality Issues in Nigeria. Journal of Academic Staff Union of Polytechnic (ASUP) Vol.1 No. 2 ISSN: 2504-9216
- iv. **Ogunyemi, J.&Fadare, S. A.** (2013); Energy Demand & Utilization in Tertiary Institution: A Case Study of The Federal Polytechnic Ilaro. International Academic Journal on Electrical, Electronics and Computer Engineering, 2013, Chennai, India.

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- v. **Ogunyemi, J. (2013):** Electronics Simulation of Phase Shift Circuit for Three-Phase Pulse Width Modulated (PWM) Inverter. International Journal of Engineering Research & Technology (IJERT). Vol. 2 Issue 12, November-2013.
- vi. **Ogunyemi, J. & Adejumbi, I.A. (2013):** Performance Evaluation of Power Quality Mitigating Equipment: A Case Study of Uninterrupted Power Supply (UPS) Applications in Ilaro. International Journal of Engineering Research & Technology (IJERT) Vol. 2 Issue 12, December-2013.
- vii. **Ogunyemi, J. (2011):** An Assessment of Energy Management of Electricity Consumer in Nigeria. Journal of Engineering Science and Technology, Duncan Science Vol.5, No. 3 PP 16-21

b. Books Chapters/Book Publications

- i) **Ogunyemi, J. (2016)** Introduction to Control Engineering. 1st edition Lincoln Multipurpose Publisher. ISBN no: 978-978-533389-1-1.
- ii) Owodolu, O. O., Osore, O.A., Dada, A., **Ogunyemi, J.**, Ajibola, W. A., Aikulola, O. A., & Eze, B. E. (2014). Useful information on Engineer in Society. 1st edition WSO Publishers. Two Chapters contribution:
 Chapter 5: The Importance of Engineers Registration & Engineering Regulations Compliance (Pages 74-91)
 Chapter 10: Overview of Engineering Disciplines (Pages 179-191).

c. Conference Papers

- 1) **Ogunyemi, J. & Adetona, Z.A.** Distribution Network Power Quality Modelling: Problems and Solutions Paper presented at Nigerian Society of Engineers' National Conference, Exhibition and Annual General Meeting, Abuja. 21st- 25th, Nov. 2018.
- 2) **Ogunyemi, J.,** Fagbuaro, O.E., Adetona, Z. A., Adedokun, A. G. (2018): Development of Locally Fabricated Solid Food Processing Machine. Federal Polytechnic Ilaro 1st International Conference. Nov. 5- 8, 2018.

- 3) **Ogunyemi, J.**, Fagbuaro, O.E., Adetona, Z. A., Adedokun, A. G. (2018): Development of Locally Fabricated Solid Food Processing Machine. Federal Polytechnic Ilaro 1st International Conference. Nov. 5- 8, 2018.
- 4) **Ogunyemi, J.** and Adetona, Z. A. (2017) Investigation into a Distribution Network Energy Utilization: Ilaro Community as Case Study. The Nigerian Institution of Electrical and Electronics Engineers (NIEEE) Proceedings of The International Conference and Exhibition on Power and Telecommunications ICEPT 2017. 9th – 13th October 2017 National Engineering Center, Abuja, Nigeria
- 5) **Ogunyemi, J.** (2016) GSM Based Reliability Assessment and Service Quality Improvement Measures in Electricity Distribution Network. Paper presented at Nigerian Society of Engineers' National Conference, Exhibition and Annual General Meeting, Uyo, Akwa-Ibom State. 21st- 25th, Nov. 2016.
- 6) **Ogunyemi, J.**&Adejumobi I. A. (2016). Mitigating The Growing Trend and Threat of Non-Linear Devices In Electrical Power System's Applications. Paper presented at 11th UNILAG Annual Conference & Fair Nov. 8-10, 2016.
- 7) Ajibodu, F. A., Adetona, Z. A. & **Ogunyemi, J.** (2016) Optimization of Maximum Achievable Bit rate of a Next Generation Passive Optical Network. 3RD School of Engineering National Conference, Federal Polytechnic Ilaro. March 7-10, 2016.
- 8) Ogunyemi, J. (2016) Load Analysis of Distribution Network For Energy Management 2nd School of Engineering International Conference, Yaba College of Technology. July, 2016.
- 9) Mbamaluikem, P.O. Aiyelabowo, O.P. & **Ogunyemi, J.** (2016) An Overview of Smart Grid: A Necessary System For Nigerian Today and Future Electricity. 3RD School of Engineering National Conference, Federal Polytechnic Ilaro. March 7-10, 2016.

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- 10) **Ogunyemi, J. & Mathew T. O.** (2016) Development of Microcontroller Based Led Dot Matrix For Information and Communication Display. 3RD School of Engineering National Conference, Federal Polytechnic Ilaro. March 7-10, 2016.
- 11) **Ogunyemi, J. & Adejumbi, I.A.** (2015) Improving Power Quality in Residential Area of Distribution Network through Monitoring (Lead Speaker) Paper presented at Nigerian Society of Engineers' National Conference, Exhibition and Annual General Meeting, Akure. 16th- 20th, Nov. 2015.
- 12) Adetona, Z.A. & **Ogunyemi, J.** (2014); Promoting Energy-Saving Measures for Mitigating Electrical Power Crisis in Developing Countries. 2nd International Conference on Global Research Development and Challenges in the 21st Century, Niger Delta University, Wilberforce Island, Amasoma, Bayelsa State, 18th -20th November, 2014.
- 13) **Ogunyemi, J.** Fakolujo, A. & Adejumbi, I.A. (2012): Power Quality Assessment In Nigerian Distribution Network. Proceedings of EIE's 2nd International Conference of Computing, Energy, Networking, Robotics & Telecommunication (21st-23rd Nov. 2012, Covenant University, Ota Nigeria.
- 14) Oduntan E.O, Fagoyinbo I.S, Ajibode I.O and **Ogunyemi, J.** (2011): Pedagogical Application of Information Technology To Teaching and Learning Process. **PROCEEDING** of International Conference on Teaching, Learning and Change 2011; 5th -8th September 2011 at Omoku
- 15) **Ogunyemi, J.** (2010): "Assessment of Automation in Nigerian Industries: Key to Company Partnership & Quality Graduates" Presented at 1st School of Engineering Conference, Federal Polytechnic Ilaro Nov 2010
- 16) **Ogunyemi, J.** and Okoye, C.U. (2009): Energy Management for Efficient Productive Activities In An Economy In Distress. Fourth International Conference on Sustainable Development Univ. of Nigeria Enugu Campus Sept 2009
- 17) **Ogunyemi, J.** and Awolola O.O (2008): The implication of Degree Awarding Status of Polytechnics on Engineering Profession. 3rd ASUP Conference, Federal Polytechnic Ilaro Nov 2008
- 18) **Ogunyemi, J.** (2007): " An Assessment of National policy on Information Technology In Ogun State. 2nd ASUP Conference, Federal Polytechnic Ilaro Sept 2007

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d. Unpublished Project & Dissertation:

- i. Development of Pulse-width Modulated Three Phase Inverter for Induction Motor
- ii. Development of a Microcontroller-Based Code-Activated Security Door Lock System
- iii. Design of Multi-Outlet Portable Mobile Devices Charging System
- iv. Effect of Non-linear Loads on Power Quality of Distribution Network (On-going)

10. Community Service

- i. **Class Adviser** (ND II): Department of Electrical Engineering, Federal Polytechnic Ilaro (2010-2012)
- ii. **Staff Adviser** National Association of Polytechnic Engineering Students (NAPES), Ilaro Chapter (2011-till date)
- iii. **Class Adviser** (HND II): Department of Electrical Engineering, Federal Polytechnic Ilaro (2018-till date)

11. Extra Curricula Activities:

Readings, Guidance & Counselling.

12. Referees

1. Engr. O.O. Kukoyi
Director of Entrepreneurship Centre
Federal Polytechnic Ilaro, Ilaro.
08034168113
2. Prof O.I. Adejumobi
Department of Electrical/Electronic Engineering
Federal University of Agriculture Abeokuta, Abeokuta.
08056712349
3. Pastor D. Adeyemo
The Region Overseer, Deeper Life Bible Church, Ota, Ota Region
08072856097.

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