**CURRICULUM VITAE**

**Ojo Babajide Adelaja**

B.Tech. (Hons) (LAUTECH), M.Tech. (LAUTECH),(Electronic/Electrical Engineering)

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**Updated JANUARY, 2023**

**CURRICULUM VITAE**

**Babajide Adelaja OJO; ; R.COREN, Mnse, Mnim**

1. **BIO DATA**
2. **Name**: **OJO**, Babajide Adelaja
3. **Date & Place of Birth**: 10th October, 1978 & Ipetu-ile.
4. **Gender**: Male
5. **State of Origin / LGA**: Osun/Obokun.
6. **Nationality**: Nigerian
7. **Marital Status**: Married
8. **Number & Ages of Children**: (4) children of age 14, 12, 9 and 3
9. **Next of Kin**: Ojo Latifat Adewumi (Spouse).
10. **Contact Address**: NO 10, Itesiwaju Community Area, Behind Deuteronomy School Poly Oja-Odan Road, Ilaro Ogun State.

**Email Address**:[**Babajidet.Ojo@Federalpolyilaro.edu.ng**](mailto:Babajidet.Ojo@Federalpolyilaro.edu.ng)

[**Babajideojo1978@gmail.com**](mailto:Babajideojo1978@gmail.com)

1. **Telephone Number**: **0803-045-2814, 0912-215-1958**
2. **Present Position**: Senior Lecturer
3. **Date of Last Promotion:** January, 2023

1. **EDUCATIONAL INSTITUTIONS ATTENDED (With Dates**
2. Maza- Maza Community primary School, Mile II, Lagos state 1983-1989
3. Amuwo Odofin Boys’ Secondary School, Mile II, Lagos state 1998-1995
4. Ladoke Akintola University of Technology Ogbomosho, Oyo State. 2000-2006

iv. Ladoke Akintola University of Technology Ogbomosho, Oyo State 2015-2022

1. **ACADEMIC QUALIFICATIONS (With Dates)**
2. First School Leaving Certificate September, 1989
3. Senior School Certificate(WAEC) June, 1995
4. National Diploma (FEDPOFFA) August, 1998
5. Bachelor of Technology (Hons) in Electrical/Electronics Engineering March,2006
6. Master of Technology in Electronic/Electrical Engineering February, 2022
7. **PROFESSIONAL QUALIFICATIONS**
8. Chartered Member, Nigeria Institute of Management (Mnim). January, 2007

1. **MEMBERSHIP OF LEARNED SOCIETIES & PROFESSIONAL BODIES (With Dates)**
2. **Membe**r**:** The Society of Digital Information and Wireless Communication November, 2020
3. R.(ENGR),Council for regulation of engineering in Nigeria (COREN) July, 2021
4. Corporate Member , Nigeria Society of Engineers (NSE) October, 2018

1. **WORKING EXPERIENCES (With Dates)**
2. **Academic Experience**

**i. Senior Lecturer**

The Federal Polytechnic Ilaro, Ogun State. Jan. 2023 – Date

ii. **Lecturer I**

The Federal Polytechnic Ilaro, Ogun State. Jan. 2020 – 2022.

iii. **Lecturer II**

The Federal Polytechnic Ilaro, Ogun State. Jan. 2017-Jan. 2020

iv **Lecturer III**

The Federal Polytechnic Ilaro, Ogun State Jan.2013-Jan.2017

v Assistant Lecturer

The Federal Polytechnic Ilaro, Ogun State Oct.2009-Jan.2013

ii. **Teaching Experience** 15 years

1. **Courses Taught:**

**Electronics II EEC 244**

**Electronics III EEC315**

**Electronics IV EEC 327**

**Analogue Electronics EEE 434**

**Electric Circuit Theory (1&2) EEC 239 & EEC 249**

**Engineers in Society GNS 311**

iv. **Research Interest**: Broadband system, Renewable Energy & Surveillance

v. **Academic Leadership Position**: Unit Head (Engineers In Society)

1. **No. of Students Supervised (Project Work):**  Twenty(20)

1. **Administrative Experience**
2. **Time Tabling Committee (MEMBER) ;** Department of Electrical/Electronics Engineering

The Federal Polytechnic, Ilaro, Ogun State Jan. 2014 – 2023.

1. **SERVICES OUTSIDE THE FEDERAL POLYTECHNIC, ILARO**

Career Volunteer at Yewa College 2020-2021

I taught Mathematics at Senior class

1. **ACADEMIC PUBLICATIONS**
   1. **Chapters in Book**
2. Fundamentals of Telecommunication ,VOl.2

Antenna, Chapter four (Page 69-112)

ISBN:978-978953-909-3

ii Concept of Analogue Electronic For Beginners (**Chapters four-Six**)

ISBN:978-978-795-881-0

* 1. **Journal Article**
     1. Ojo, B. A & Ajibodu, F.A (2020). ‘’ Reducing Fault Response Time of Power Supply Distribution in Developing Nation. America Journal of Engineering Research 9(5):106-111(AJER), 2020

1. Babajide A. Ojo, Najeem O Adelakun (2022).’’ Implementation of four- Wheel antilock breaking system for commercial vehicle using bang-bang controller. International Journal of Multidisciplinary Research and Growth Evaluation: 3(6):01-07 2022
2. Ojo B.A1. ADAMU, DAHIRU2 (2022).’’Design And Construction of a Temperature Monitoring and Control System for High Livestock (Broilers) production: A case Study of The Federal Polytechnic Ilaro Poultry Farm. Iconic Research and Engineering Journals, Volume 5 issue 8 ISSN 2456-8880
3. Ojo, B.A (2022).’’Numerical Analysis for Stability Control of Quadcopter Using Extremum Seeking Based Proportional Integral Derivative Controller’’ in International Research Journal Of Modernization in Engineering Technology And Science (IRJMETS), Volume 4, ISSUE 06, June 2022
4. Engr. Ajibodu Franklin. A, Engr.Ojo Babajide. A (2022).’’ A model Approach solution to solving skill Gap between Tertiary Institution and Industry.’’ Journal of Engineering Research (AJER), Vol.11 (07), pp.01-03
5. Akeem T .Otapo, Lateef A. Saliu, Babajide A. Ojo, Kazeem A. Sodiq, Nwinmene l. Migah,Abdulganiyu, A. Jumah, Isaac O. Onadokum.(2022).’’Design and Implementation of IOT-Based System for Motoring Patient Heartbeat. International Journal of Women in Technical Education and Employment (IJOWITED). The Federal Polytechnic, Ilaro Chapter. ISSN: 2811-1567 Volume 3 – Issue 1. December 2022. https: // fpiwitedjournal.federalpolyilaro.edu.ng
6. Ajibodu F.A , Ojo B.A (2017) “Reducing the Effect of Latency in a GSM (Cellular) Switching Network” Vol 6 American journal of engineering research. (AJER) 2017.
7. Ajibodu F.A , Ojo B.A (2018 ). Evaluation of the Effect of Fiber optic Dispersion on A (XGPON) Next Generation passive optical network. IOSR Journal of Electronics and Communication Engineering (IOSR-JECE) e-ISSN: 2278-2834,p- ISSN: 2278-8735.Volume 13, Issue 6, Ver. I (Nov.-Dec. 2018), PP 11-18. 2018.
8. Aiyelabowo,O,P., Ojo, B.A.,Fadare,S.A& Mathew,O.T (2018). Development of prompt inferno reporting system for curbing the losses of fire outbreak. SSRG International Journal of Electrical and Electronic Engineering (SSRG-IJEEE). Vol15 issue 12. Dec.2018.(pp.1-7).
9. Ajibodu F.A , Ojo B.A (2019) Reducing the Cost of Home Lighting in Remote or Rural Community in Developing Nations. International Journal of Scientific and Research Publications, Volume 9, Issue 4, ISSN 2250-3153 April 2019.
10. Ajibodu F.A & Ojo B.A ., (2016) ‘’ Performance Evaluation of the Maximum achievable bit rate of Next Generation TWDM passive optical network’’ American journal of engineering research (AJER). Vol 5, Issue 12, pp. 104-109
11. Ajibodu F.A., Ojo B.A (2018) Evaluation of the Effect of Fiber Optic Dispersion on A (XGPON) Next Generation Passive Optical Network Ajibodu F.A Ojo B.A IOSR Journal of Electronics and Communication Engineering (IOSR-JECE) e-ISSN:2278-2834, p-ISSN: 2278-8735. Volume 13, Issue 6, Vol.I (Nov.- Dec. 2018), PP 11-18.2018

## DOI: 10.29322/IJSRP.9.03.2019.p8888 http://dx.doi.org/10.29322/IJSRP.9.03.2019.p8888.

**Conferences/Workshops Papers**

1. Adesina Opeyemi Afunlehin & Ojo Babajide Adelaja (2022). ‘’ Improvement of Educational Technology In Technical Schools In Nigeria Using Technical, Vocational Education And Training (Tvet). At Federal Polytechnic, Ile-Oluji , Ondo State. 19th –22nd , July 2022.
2. Ojo Babajide Adelaja & Akingbade Luisa Osere (2022). A Review of Internet of Things, Based Smart Environment Security Challenge and Solution, Federal Polytechnic, Oko. 8th Nov- 11 Nov 2022.
3. B.A Ojo, F.A Ajibodu (2020). Enhancing and upgrading e-Learning Programme for Post-covid-19 Era Curriculum Delivery. NSE Ilaro Branch, 1st National Conference, Ilaro, 2-3. November, 2020
4. Ajibodu F.A, Ojo B.A (2020) Reducing the Cost of Internet Bandwidth utilization during Teleconferencing Session using Zoom Video Communication in TVET Institution. NSE Ilaro Branch, Ist National Conference, Ilaro, 2-3 November, 2020.

5..Adamu, Dahiru and Ojo, B.A (2021).”Real Time Temperature Monitoring System for Poultry :A Panacea to High Yield Production. The Federal Polytechnic , Ilaro, Fifth School of Engineering National Conference ,Held Virtually , 8-10 November , 2021

6. Ajibodu F.A, Ojo B.A (2021) “Reducing Examination Malpractices through Judicious use of real Time Surveillance”. School of Engineering Conference Federal Polytechnic Ilaro.2021.

7. Ajibodu F.A, Ojo B.A (2021) “A model approach solution to solving skill gap between institution and the industry in Nigeria”. School of Engineering Conference Federal Polytechnic Ilaro.2021.

8. Ojo Babajide A., Ojo Latifat A. & Fagbuaro Ezekiel O. (2022). Infrastructural Failure in

Nigeria:TVET PERSPECTIVE. Proceeding of the 3rd International Conference,

The Federal Polytechnic, Ilaro, 16th & 17th Aug, 2022

1. Ajibodu F.A (2010), “Ict : An impetus for effective curriculum delivery in technological education a multimedia perspective” school of engineering conference federal polytechnic ilaro., 2010
2. Ajibodu F-.A (2011); “Technical and Vocational Education Training, Entrepreneur Skills

and Realization of Vision 20-2020” (ASUP; conference federal polytechnic ilaro.2011)

1. Ajibodu F.A (2011); “Technical and vocational education training; closing the gap for the

Realization of vision 20-2020 a distance learning/multimedia approach. (ASUP;

Conference, federal polytechnic ilaro. 2011.

1. Ajibodu F.A Ojo B.A (2017) “Reducing end to end Delay Variation in a GSM Switching Network”. Proceedings of the 2017 Annual Conference of the School of Engineering &Engineering Technology (SEET), The Federal University of Technology, Akure, Nigeria, 11-13 July,2017.2
2. Ajibodu F.A Ojo B.A (2018)."Strategies For Reducing Cost Of Domestic Power Generations In Nigeria”, Proceedings of the 2018 Annual Conference of the School of Engineering & Engineering Technology (SEET), The Federal SEET’18 University of Technology,Akure, Nigeria, 17-19 July, 2018.
3. Ojo B.A, Ajibodu F.A (2018). “Design And Construction Of An Electronic Notice Board Display Using A Wi-Fi Module” ISTEAMS Conference November 2018
4. Ajibodu F.A Ojo B.A (2018). “Reducing cost of powering a remote base station using renewable energy”, ISTEAM International conference 2018.
5. Ojo B.A, Ajibodu F.A (2018). “Solar power for rural development a case study of Yewa

South local government area” Nigerian society of engineers’ conference (NSE) 2018

1. Ojo B.A Ajibodu F.A (2017) “Salvaging the economy from recession through domestic Power Generation using solar energy”. School of pure and applied Sciences and Communication and information Technology conference Federal polytechnic Ilaro 2017
2. Ajibodu F.A, Ojo B.A (2019). “Reducing Fault response time in Power distribution in

Nigeria”. Engineering conference Federal polytechnic Ilaro 2019

* 1. **Dissertations / Thesis**

1. Ojo B.A (2006) “Design and construction of code-lock for system” Dissertation submitted for the award of Bachelor of Technology Degree in Electrical/Electronics Engineering (Telecommunication Option) Ladoke Akintola University of Technology Ogbomosho Oyo State, 2006.(Unpublished)

1. Ojo, B.A (2022) “Development of An Extremum- Seeking Based Proportional Integral Derivative Controller for Quadcopter Stability Analysis.” Dissertation Submitted for the Award of Master of Technology Degree in Electronic /Electrical Engineering at Ladoke Akintola University of Technology Ogbomoso, Oyo State (2022). (Published)

* 1. **Recent Conferences/Workshops/Seminars Attended (With Dates)**

1. Two-Day Capacity Building Training Workshop on “Ethical Conduct Amongst Academic Staff towards Efficient Management of the Federal Polytechnic Ilaro” Organized by the Federal Polytechnic Ilaro, held at International Conference Centre, the Federal Polytechnic Ilaro. 20th -21st December, 2017.
2. 1st International Conference and Exhibition on Technological Innovation and Global Competiveness organized by The Federal Polytechnic, Ilaro held at International Conference Centre, Federal Polytechnic, Ilaro, Ogun State, Nigeria. 5th – 8th November, 2018.
3. Five-Day Capacity Building Training Workshop on “Advanced Digital Appreciation Programme for Tertiary Institutions held at The Federal Polytechnic, Ilaro, Ogun State. 16th – 20th October, 2019.
4. One-Day in-House Training for the Teaching Staff on the usage of Turnitin Software, Organised by the Federal Polytechnic Ilaro, held at International Conference Centre, the Federal Polytechnic Ilaro. 1st June, 2021.

1. **COMMUNITY SERVICES**
2. Career volunteer Teacher at Yewa College, Ilaro 2020-2021

I taught Mathematics subject at the senior secondary school class

1. **COMMENDATION**
2. Time –Tabling Committee 2014-Til Date

1. **EXTRA-CURRICULAR ACTIVITIES**
2. Watching football and playing table tennis

**REFEREES**

* + - 1. Aborisade, D. O,B.Eng. M.Eng, Ph.D

Professor of Pattern Recognition and Control Engineering

Department of Electronic and Electrical Engineering,

Ladoke Akintola University of Technology,

Ogbomoso, Nigeria

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Federal Polytechnic Ilaro.

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*Signature and Date*

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