

1. Biodata

- a. Name: **Engr. FAKEYE, ADEBAYO BABATUNDE**
- b. Date & Place of Birth: February 14, 1977/ Ikeja, Lagos
- c. Gender: Male
- d. State of Origin: Ogun State
- e. Nationality: Nigerian
- f. Marital Status: Married
- g. Number & Age of Children: One daughter/ 3 years Old
- h. Religion: Christianity
- i. Contact Address: 7 Osoba Street, Oke-Ela Quarters, Ilaro, Ogun State
- j. Email Address: adebayo.fakeye@federalpolyilaro.edu.ng
- k. Telephone Number: 07033882586
- l. Present Position: Lecturer III

2. Institutions Attended with Dates

Postgraduate:	Covenant University, Ota, Ogun State	2016 - 2018
Undergraduate:	Lagos State University, Ojo, Lagos State	1997 - 2002
Secondary:	Egbado College, Ilaro, Ogun State	1989 - 1994
Primary:	Federal Polytechnic Staff Pry School, Ilaro	1985 – 1989

3. Academic Qualifications with Dates

- i. MEng (Thermofluid/Energy Systems) 2018
- ii. BSc Mechanical 2003
- iii. SSCE at first sitting 1994
- iv. Primary School Leaving Certificate 1989

4. Professional Qualifications

Registered Engineer with COREN

5. Membership of Learned Societies & Professional Bodies

Member, Ilaro Branch of Nigeria Society of Engineers (NSE)

Member, Ilaro Branch of Institute of Mechanical Engineers (IMechE)

6. Working Experience

a. Academic Experience

- i. Teaching Experience: I have been actively engaged in teaching and other related activities at the Mechanical department of the Federal Polytechnic, Ilaro since 2011, first on Part-Time basis before a full employment in 2014.
- ii. Courses Taught: Courses include Thermodynamics, Fluid Mechanics, Refrigeration & Air-conditioning, Energy Conversion & Heat Transfer, Instrumentation & Control, Engineering Measurement, Metrology, etc.

- iii. Research Experience: My research interest centers around the problems associated with the consumption of fossil fuels as well as development of Technical Education in Nigeria and as such have presented relevant papers in conferences with a good number of publications on Sustainable Technologies, Waste Heat Recovery and development of Technical Education in high rated journals.

b. Administrative Experience

- i. Departmental Counselor, Mechanical Engineering Department
- ii. Member, Final Year Projects Committee, Mechanical Department
- iii. MESA Staff Adviser, Mechanical Engineering Department (2015-2017)

7. Services Outside the Federal Polytechnic, Ilaro

**Company Manager/ Projects Engr. at Hensa Global Concepts Int'l Ltd, Ekpan, Delta
April 2009 - May 2011**

- Designing, Planning, Coordination, & Execution of diverse Engineering projects in various Oil & Gas fields especially WRPC
- Common projects include design & construction of pipelines for crude, products, steam and fire hydrants, corrosion control, Jetty & Tank Farm maintenance etc.
- Preparation of work schedules/ scope of work for projects
- Material/ Equipment procurements, installations & commissioning
- Preparation of Tenders for project biddings

8. Academic Publications

a. Journal Publications

Fakeye, A., & Oyedepo, O. (2018). A Review of Working Fluids for Organic Rankine Cycle (ORC) Applications. *IOP Conference Series: Materials Engineering*. <https://doi.org/10.1088/1757-899X/413/1/012019>

Ajibola, W., & Fakeye, A. (2016). Production and Characterization of Zinc-Aluminium Silicon Carbide Reinforced with Palm Kernel Shell Ash. *International Journal of Engineering Trend and Technology (IJETT)* 41(6), 318-325. <http://www.ijettjournal.org>

Ajibola, W., & Fakeye, A. (2016). The Impact of Media and Education Technology on National Development. *International Journal of Innovations in Education Methods, Pan-African Journal Sereies*, 8(2), 56-62, PANA/2016/247

b. Conference Papers

- Fakeye, A., & Babarinde, F. (2018). A Review of Organic Rankine Cycle Systems Design for Waste Heat-to-Powwer Energy Conversion. *1st International Conference of The Federal Polytechnic Ilaro.*
- Oyedepo, S., Fakeye, A., Fagbenle, R., Mabinuori, B., Babalola, P., Leramo, R., Kilanko, O., Dirisu, J., Udo, M., & Adekeye, T. (2017). Thermodynamics Analysis and Performance Otimization of a Reheat-Regerative Steam Turbine Power Plant with Feed Water Heaters. *2nd International Conference of Engineering for a Sustainable World (ICESW) 2017, Covenant University, Ota*
- Ajibola, W., Fakeye, A., Ibrahim, G., & Babarinde, F. (2015). Characterization of Reinforced Zinc-Aluminium Composite. *3rd National Engineering Conference of the School of Engineering, Federal Polytechnic, Ilaro*
- Fakeye, A., Ajibola, W., Babarinde, F., & Ibrahim, G. (2015). The Media, Educational Technology and National Development. *National Conference of Academic Staff Union of Polytechnics (ASUP) Zone C*

c. Major Research Undertaken

1. Examination of Power Conversion of Exhaust Waste Heat Recovery from Gas Turbine Power Plant Using Organic Rankine Cycles (ORC) (2018)
2. An Analytical Design of 1.5MW Hydroelectric Power Generator Using Pelton Wheel (2002)

d. Other Publications

1. *The Path to Honour*, Buoken Treasures Ltd, Lagos © 2013. ISBN 978-978-937-024-5
2. *Dreamers Don't Die...*, Buoken Treasures Ltd, Lagos © 2010. ISBN 978-978-906-433-5

9. Community Service

1. Coordinator, Youth Alive Ministry with over 700 copies of a motivational book donated (Dreamers Don't Die...)
2. Associate Member (ICEA/ASS/347), International Community Education Association, in operational relations with UNESCO.

10. Extra-Curricular Activities

Writing, Reading, and watching movies.

REFEREES

1. Engr. Olufemi Osore

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The Federal Polytechnic, Ilaro.

Ogun State.

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2. Prof. Sunday Oyedepo

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Ogun State.

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3. Prof. Waheed Akintoye Adekojo

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