

Owoeye, Femi T.

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OWOEYE Femi Timothy MMSN, MNSE, R.Engr (COREN)

Department of Metallurgical Engineering,
Yaba College of Technology, Lagos. Nigeria

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PROFESSIONAL PROFILE

Experienced academic leader and mechanical/materials engineer with over 10 years of progressive responsibility in tertiary education, research coordination, and technical project supervision. Proven record in academic leadership, curriculum development, team mentoring, committee service, and industry-academia collaboration. Adept at strategic thinking, evidence-based decision-making, and leading multidisciplinary teams to deliver institutional goals.

PERSONAL INFORMATION

Contact Address: 8, Lawal Close, Off Moses Babalola, U-Turn, Alimosho, Lagos State. Nigeria.
Date of Birth: June 24, 1980.

RESPONSIBILITIES

Head of Department (HoD) Metallurgical Engineering	March 2026- March 2029
Coordinator, Part Time programme	June 2023 -June 2025
Departmental Examination Officer	January 2015-March 2023
Class Adviser	January 2015- Dec 2022
Committee Member – School of Engineering International Conferences	(2016, 2024)

EDUCATION BACKGROUND

M. Eng. Mechanical Engineering (71.56%)	March 5, 2013
<i>Federal University of University of Agriculture</i>	<i>Ogun State, Nigeria</i>
<i>Dissertation: Development of Ceramic Microfiltration Membrane for Water Treatment</i>	
	Supervisor: Dr. O.S. Olokode
B.Eng. Mechanical Engineering (SCL)	January 13, 2009
<i>University of University of Agriculture</i>	<i>Ogun State, Nigeria</i>
Project: Effect of Tomato on Aluminum Cooking Pots	Supervisor: Dr. O.R. Adetunji
O'Level Certificate National Examination Council (NECO)	Jan. 1995 - Jun 2000
<i>Ekamefa Grammar School, Ilasa Ekiti, Ekiti State Nigeria.</i>	

WORK EXPERIENCE

Senior Lecturer	January 2024- Present
<i>Metallurgical Engineering Department, Yaba College of Technology</i>	<i>Lagos, Nigeria</i>
Post of Lecturer I	January 2021-December 2023

Owoeye, Femi T.
Post of Lecturer II

lordphems@gmail.com
January 2018-December 2020

Post of Lecturer III

October 2014-December 2017

Lecturing of:

HND CLASSES

i. Metallurgy of Metal cutting (MET402), ii. Production Metallurgy (MET412) iii. Heat Treatment (MET 403), iv. Forming Process (MET308), v. Surface Coating& Applications (MET311)

ND CLASSES

i. Strength of Materials (MEC205), ii. Metallurgy Production (MET210), iii. Technical Drawing (MEC101) iv. Descriptive Geometry (MEC102), v. Mechanical Engineering Science (MEC103)

OTHERS WORK EXPERIENCE

Part Time Lecturer

Metallurgical Engineering Department, Yaba College of Technology

2012- 2014

Lagos, Nigeria

Lecturing of:

(i) Strength of Materials (MEC205), (ii) Engineering Measurement MEC203 (iii) Descriptive Geometry (MEC101 &102), (iv) Metallurgy Production (MET210)

BENUE CEMENT COMPANY PLC

Mechanical Engineering Department.

- General maintenance on heavy and light machinery being used in the company
- Daily routine checking on equipment& planning schedule.

2009-2010

Bunue, Nigeria

NASOD GROUP OF COMPANIES

Mechanical Engineering Department.

2008-2008

Ogun, Nigeria

- Carried out repairing on different industrial machines used by the company.
- Fabricating parts of some machines in order to replace the worn-out parts.

PROFESSIONAL MEMBERSHIP & AFFILIATION

Registered Member: Council for the Regulation of Engineering in Nigeria (COREN) **R96346**

Corporate Member: The Nigerian Society of Engineers (NSE) **40094**

IAENG Member: International Association of Engineers (IAENG) **117973**

Professional Member: Materials Science and Technology Society of Nigeria (MSN) **P/1207**

SKILLS

Language: English (work proficiency with proof).

Computing: Good working knowledge of MS Windows/Office.

Software: Regular user of SPSS, Matlab.

PUBLICATIONS

Owoeye, Femi T.

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Femi T. Owoeye, Olayide R. Adetunji, Adinife P. Azodo, Michael Emoekpere and Olayinka A. Adekoya. (2026).Determination of Cathodic Protection of Galvanized and Mild Steels in Ibeshe Seawater using Zinc as Sacrificial anode. *JENER Journal of Empirical and Non-Empirical Research*, 2(3):1-7. DOI: 10.4898/jener.v2i3.a1.ISSN: 7895-9216

Odunlam,i Samson. A, Orelaja, Oluseyi. A and **Owoeye, Femi. T.** (2025). Development and Output Power Assessment of a Gasoline-Driven Cassava Peeling Machine for Small and Medium Scale Enterprises. *ISRG Journal of Engineering and Technology (ISRGJET)*.1(6):50-58. <https://isrgpublishers.com/isrgjet/>.

Azodo, A. P., Onyekwere, O. S., Amine, J. D., **Owoeye, F. T.**, & Jibatswen, T. Y. (2024). Geometric design parameters characteristics of traffic calming installation and its effects on the vehicle speed and traffic noise levels. *Turkish Journal of Engineering*, 1(8):1-10.

Adinife Patrick Azodo , Idama Omokaro , Abel Willams Gin , and **Femi Timothy Owoeye** and James Okpor (2023). Acoustic Comfort Evaluation of Residence that Uses Portable Electricity-Generating Plants. *Global Research in Environment and Sustainability* 1(5):59-67.

Peter Olaitan Aiyedun, Bakare Abdulkadir, **Femi Timothy Owoeye** , Francis Borokinni, Adinife Patick Azodo (2023). Development of pulp and paper using stem and fruit stem of *Musa Species* . *Journal of Amasya University the Institute of Sciences and Technology* 4(1):20-32

Femi Timothy Owoeye, Adinife Patrick Azodo, Joshua Kwari, James Utume.(2022). An Investigation into the Local Production Technology of Burnt Bricks in Nigeria. Aksaray University. *Journal of Science and Engineering*. 6(2):162-177.

Azodo, A. P. Ismaila, S.O., Jibatswen, T.Y. and **F.T. Owoeye**. 2022. Tyre Safety of Road worthiness of Vehicle on roads in a Town in Nigeria. *Journal of Engineering for Development* 14(2):1-13

Azodo, A. P. Ismaila, S.O., Jibatswen, T.Y. and **F.T. Owoeye**. 2022. Objective Approach in Investigating Implication of Road Vehicle Tyre Safety Knowledge on Compliance. *Journal of Engineering Science* 29(3):23-33.

Titus Yusuf Jibatswen, Williams Joshua, Adinife Azodo, **Femi Owoeye**. 2022. Assessing Household Solid Waste Management and Disposal Practices in Biu Local Government, Nigeria. *Journal of International Environmental Application and Science*.

F.T. Owoeye, A.P. Azodo, W.K. Joshua. 2021. The Effect of Burnt Clay Brick Production Process on the Compressive Strength and Water Absorption Properties. *SNRU Journal of Science and Technology*, 13(2):63-70.

Owoeye, F.T., Adetunji, O.R., Omotosho, A., Azodo, A.P. and Aiyedun, P.O. 2020. Investigation of Corrosion Performance of Aluminum and Zinc Alloys in three Acidic Media. Engineering Reports. 2020;e12103. <https://doi.org/10.1002/eng2.12103>.

Femi T. Owoeye, Olayide R. Adetunji, Sidikat I. Kuye and Babatunde S. Bada. 2020. Cathodic Protection of Aluzinc coated, Galvanized and Stainless Steels in Ijegan Seawater using Aluminium as

Adinife P. Azodo, Salami O. Ismaila, **Femi T. Owoeye** and Titus Y. Jibatswen. 2020. Analysis and Modeling of Physiologic Equivalent Temperature of an Outdoor Environment. *Applied Environmental Research*, 42(3):77-91. <http://www.tci-thaijo.org/index.php/aer>.

Azodo, A.P., Idama, O., Mezue, T.C. and **Owoeye, F.T.** 2018. Evaluation and Analysis of Environmental Noise from Petrol Fuelled Portable Power Generators Used In Commercial Areas. *Journal of Experimental Research*. 6(1):8-13.

F.T. Owoeye, A.P. Azodo and S.B. Udo. 2014. Performance Evaluation of Ceramics Microfiltration Membrane for Water Treatment. *Journal of Mechanical Engineering and Sciences (JMES), Universiti Malaysia Pahang, Malaysia*, 7:1115-1126.

Owoeye, F.T., O.S. Olokode, P.O. Aiyedun, and B.U. Anyanwu. 2012. Comparative Analysis of Corrosion of Aluminum Plates in Different Concentrations of Lime Solution. *Pacific Journal of Science and Technology*. 13(1):105-111.

Owoeye, F.T., O.S. Olokode, P.O. Aiyedun, H.O. Balogun, and B.U. Anyanwu. 2012. Preparation and Characterization of Ceramic Microfiltration Membrane for Water Treatment. *Pacific Journal of Science and Technology*. 13(2):28-38.

Adegbenro Omotoso, Peter O. Aiyedun, Olayide R. Adetunji, Toyin A. Arowolod, and **Femi T. Owoeye**. 2017. Corrosion Performance of 1014 Mild and 304 Stainless Steels in Acidic Media. *Journal of Natural Science, Engineering and Technology*. 16(1):83-92.

Awe. O.I., **Owoeye, F.T.**, Odunlami, S.A. 2016. Investigation of Aluminium Behaviour (Corrosion) in Acidic and Alkalinity Media. *Journal of Scientific and Engineering Research*, 2016, 3(4):181-186.

O.S. Olokode, P.O. Aiyedun, D.M. Raheem, **F.T. Owoeye** and B.U. Anyanwu. 2012. Production and Characterization of Clay – cow Dunginsulating Fire – bricks. Global Advanced Research. *Journal of Engineering, Technology and Innovation* (ISSN: 2315-5124) 1(7):162-167.

O.S. Olokode, S.O. Fakolujo, P.O. Aiyedun, Z.O. Jaji, **F.T. Owoeye** and B.U. Anyanwu. 2012. Experimental Study on the Morphology of Keratin Based Material for Asbestos Free Brake Pad. *Journal of Basic & Applied Sciences*. 8:302-308.

Conferences attended

Owoeye, F.T., Emoekpere, M., Kehinde, O.O. and Adekoya, A.O. (2025). Fabrication and performance Evaluation of Self-cleaning Tomato Machine for Food processing Industry. 6th ASUP International Conference (YABATECH), Lagos

Owoeye, F.T., Azike, S.E., Oladitan, B.F. and Emoekpere, M. Development and Performance Evaluation of Recycling PET Bottle Machine. 5th ASUP International Conference (YABATECH), Lagos. 21st-22nd of August, 2024.

Olayide R. Adetunji, **Femi T. Owoeye**, Sidikat I. Kuye, Babatunde S. Bada and Adinife P. Azodo. Determination of Cathodic Protection of Galvanized and Mild Steels in Ibeshe Seawater Using Zinc as

Sacrificial Anode. Nigerian Corrosion Association of Edited Proceedings for Annual Conference Held at NNPC Cooperative Resort, Port Harcourt River State, Nigeria. 18-20th October, 2021. Pp 67-76.

Adinife Patrick Azodo, Idama Omokaro, **Femi Timothy Owoeye** and Festus Adda Naphtali.
Quantification of Combustion Gases Concentration for a Two Threshold Limit in Commercial Kitchens.
Proceedings of the 3rd International Conference on Engineering Innovations as a Catalyst for Rapid
Economic Growth tagged COLENG 2021, Federal University of Agriculture, Abeokuta, Nigeria, May 24
-26, 2021

Is'haq Agono Ali, Sidikat Ibiyemi Kuye, Olayide Rasaaq Adetunji and **Femi Timothy Owoeye**. 2018.
Corrosion Investigation of selected Automobile Parts in Muddy Environment. Proceedings of the 2018
International Conference on STEM: A driving force for sustainable development tagged COLENG 2018,
Federal University of Agriculture, Abeokuta, May 14 -17, 2018. Pp78-89.

A. P. Azodo, S. O. Ismaila, R. I. Nwonodi, **F. T. Owoeye** and T. Y. Jibatswen. 2018. Object-based
Approach in the Assessment of Thermal Sensation and Physiological Stress through the eye of Eco-city
Design and Land cover type: the case of Wukari, Taraba State. National Engineering Conference 2018.
Faculty of Engineering, Ahmadu Bello University, Zaria.

Adinife Patrick AZODO, Salami Olasunkanmi ISMAILA and **Femi Timothy OWOEYE**. 2018.
Investigation of Occupational Noise Exposure and its Physiological Effect on Landscape Gardeners
Proceedings of the 2018 International Conference on STEM: A driving force for sustainable development
tagged COLENG 2018, Federal University of Agriculture, Abeokuta. Pp 212-218.

REVIEWER DUTIES

Reviewer for Arabian Journal for Science and Engineering (AJSE).

Committee Member for YABATECH, School of Engineering 2nd Int'l Conference Vol. 1. July, 2016.

Committee Member for YABATECH, School of Engineering 4th International Conference 2024.

SCHOLARLY LINKS

Google Scholar: <https://scholar.google.com/citations?user=pSkjn0kAAAAJ&hl=en>

ORCID ID: <https://orcid.org/0000-0002-4535-1459>

LinkedIn: <https://www.linkedin.com/in/femi-owoeye-9245551b>

REFEREES

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Federal University of Wukari, Taraba State, Nigeria.
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Prof. L. A. Arogundade

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Federal University of Agriculture, Abeokuta Ogun State, Nigeria.
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