

CURRICULUM VITAE

Surname	Oyekale
Name	Joseph Oyetola
Nationality	Nigerian
Date of birth	02 November 1985

Education and training 1	
• Date (from – to)	October 2016 – September 2019
• Name and type of organisation providing education and training	University of Cagliari
Duration of the program of study	Three years
• Principal subjects/occupational skills covered	Industrial Engineering (Systems for Energy and the Environment)
• Level of study	PhD
Final mark obtained	The degree should be awarded in February 2020
Remarks	I was a visiting PhD student at the Center of Energy Technology, University of Bayreuth, Germany, from March 1 2018 to May 31 2019.

Education and training 2	
• Date (from – to)	July 2012 – June 2015 (I completed the programme in two years record time. The disparity in calendar duration was due to administrative bureaucracies in approving the theses titles and final results of all enrolled students)
• Name and type of organisation providing education and training	Ladoke Akintola University of Technology, Ogbomoso, Nigeria
Duration of the program of study	Two years
• Principal subjects/occupational skills covered	Mechanical Engineering Major, with specialization in Thermo-fluids. Some of the courses audited are listed below: <ul style="list-style-type: none"> • Numerical Methods 1 & 2 – 87% in each of the two modules • Statistical Methods for Engineers – 80% • Systems Simulation – 73% • Refrigeration and Air Conditioning – 70% • Instrumentation I – 76% • Hydrodynamics of Two Phase Flow – 73% • Fluid Machinery – 71% • Advanced Heat Transfer – 66%

	<ul style="list-style-type: none"> • Research Thesis – 75% amongst others
• Title of qualification awarded	Master of Technology (M.Tech.)
Final mark obtained	I scored 4.83/5.00 CGPA (0 – 5 min-max scale, 2.50 minimum required to pass); or 74.26% Weighted Average Score; ranked 1st of 24 students enrolled for the programme

Education and training 3	
• Date (from – to)	September 2004 – December 2009
• Name and type of organisation providing education and training	Ladoke Akintola University of Technology, Ogbomosho, Nigeria
Duration of the program of study	Five years
• Principal subjects/occupational skills covered	Mechanical Engineering Major, with specialization in Thermo-fluid Engineering area at final year. The study programme comprised basic and advanced engineering and related courses. It was concluded with a final year research project, which I conducted on the topic “Application of 3-Bladed Vertical Axis Wind Turbine for Electricity Generation.”
• Title of qualification awarded	Bachelor of Technology (Hons) with First Class Division
Final mark obtained	I scored 4.59/5.00 CGPA (0 – 5 min-max scale, 1.50 minimum required to pass). Ranked 1st of 54 students enrolled for the programme

Work experience

• Date (from – to)	December 2013 – Present
• Name and address of firm/university	Federal University of Petroleum Resources, Effurun, PMB 1221, Effurun, Delta State, Nigeria.
• Type of business or sector	Academics/Educational Sector
• Type of employment	Graduate Assistant Lecturer
• Main activities and responsibilities	<ul style="list-style-type: none"> • Teaching undergraduate courses (Such as: Thermodynamics, Fluid Mechanics, Heat and Mass Transfer, Energy System / Machine Design,

	etc) <ul style="list-style-type: none"> • Conducting numerical / theoretical research in the area of Thermo-fluid dynamics and energy system analysis • Supervising undergraduate projects • Carrying out assigned administrative responsibilities
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• Date (from – to)	July 2012 – December 2013
• Name and address of firm/university	Ladoke Akintola University of Technology, Ogbomoso, Oyo State, Nigeria.
• Type of business or sector	Academics/Educational Sector
• Type of employment	Teaching Assistant
• Main activities and responsibilities	<ul style="list-style-type: none"> • Teaching undergraduate courses • Conducting numerical / theoretical research in Thermo-fluid laboratory

• Date (from – to)	August 2010 – December 2011
• Name and address of firm/university	Annai Global Resources Ltd, Mararaba, Nasarawa State, Nigeria.
• Type of business or sector	Facility Management Company
• Type of employment	Mechanical Engineer
• Main activities and responsibilities	<ul style="list-style-type: none"> • Maintenance of mechanical equipment, such as centrifugal pumps, generators and air conditioners, etc. • Project Management

• Date (from – to)	February 2010 – June 2010
• Name and address of firm/university	Damson International School, Abuja, Nigeria.
• Type of business or sector	Educational Sector
• Type of employment	Class Facilitator
• Main activities and responsibilities	<ul style="list-style-type: none"> • Teaching science and mentoring college students

• Date (from – to)	August 2008 – December 2008
• Name and address of firm/university	MJM Company Ltd, Ibadan, Nigeria.
• Type of business or sector	Fabrication/Production Company
• Type of employment	Industrial Trainee
• Main activities and responsibilities	<ul style="list-style-type: none"> • Fabrication of machine components as a student trainee

Primary language	English language
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Other language(s)

	Italian language
• reading	elementary
• writing	elementary
• speaking	elementary

	German
• reading	elementary
• writing	elementary
• speaking	elementary

Selected Publications	
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Author(s) and title	J. Oyekale, F. Heberle, M. Petrollese, D. Brüggemann, G. Cau, Biomass retrofit for existing solar organic Rankine cycle power plants: conceptual hybridization strategy and techno-economic assessment.
Language	English Language
Publication volume	<i>Energy Conversion and Management, Volume 196, 2019.</i>

Author(s) and title	Adegun, I. K., Komolafe, O. D., Ahmed Kadhim Hussein, Oyekale, J.O. , A 3D finite element analysis of incompressible fluid flow and contaminant transport through a porous landfill.
Language	English Language
Publication place	Journal of Engineering Science and Technology Vol. 9, No. 4 (2014) 477 – 489.

Author(s) and title	J. Oyekale , F. Heberle, M. Petrollese, D. Brüggemann, G. Cau, Exergy and exergoeconomic analyses of a hybrid solar-biomass organic Rankine cycle cogeneration plant.
Language	English Language
Publication place	Proceedings of 32nd International Conference on Efficiency, Cost, Optimization, Simulation and Environmental Impact of Energy Systems (ECOS) 2019, Wraclaw; Poland.

Author(s) and title	J. Oyekale , G. Cau, Enhanced exergoeconomic analysis of a hybrid solar-biomass organic Rankine cycle cogeneration plant.
Language	English Language
Publication place	Proceedings of International Conference on Applied Energy (ICAE) 2019, Vasteras; Sweden.

Author(s) and title	J. Oyekale , M. Petrollese, V. Tola, G. Cau, Conceptual design and preliminary analysis of a CSP-biomass organic Rankine cycle plant.
Language	English Language
Publication place	Proceedings of 31st International Conference on Efficiency, Cost, Optimization, Simulation and Environmental Impact of Energy Systems (ECOS) 2018, Guimaraes; Portugal.