

Curriculum Vitae

1. Biodata

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| a. Name | RAMONU Olayinka John |
| b. Date & Place of Birth: | 16 th December, 1987 / Ilorin |
| c. Gender: | Male |
| d. State of Origin: | Kwara State |
| e. Nationality: | Nigerian |
| f. Marital Status: | Single |
| g. Number & Ages of Children: | nil |
| h. Religion: | Christianity |
| i. Contact Address: | Department of Mechanical Engineering, The Federal Polytechnic, Ilaro, Ogun state. Nigeria. |
| j. E-mail Address: | yinkard4mee@gmail.com ,
john.ramonu@federalpolyilaro.edu.ng |
| k. Telephone Number: | +2348107297152 |

2. Institutions attended with dates:

Dates

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| 1. University Of Ibadan, Ibadan, Oyo, Nigeria. | 2017 |
| 2. Ahmadu Bello University, Zaria, Kaduna, Nigeria. | 2012 |
| 3. Moro Local Government Secondary School, Olooru | 2007 |
| 4. UMCA Comprehensive High School, Jebba | 2007 |

3. Academic Qualifications with dates:

Dates

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| i. M.Sc. Mechanical Engineering (Distinction) | 2017 |
| ii. NYSC Discharge Certificate | 2014 |
| iii. B.Eng Mechanical Engineering | 2012 |
| iv. WAEC- Senior School Certificate | 2007 |
| v. NECO- Senior School Certificate | 2007 |

4. Professional Qualification:

- i. Registered Engineer – Council for the Regulation of Engineering in Nigeria
(Registration number- R.47381)
- ii. Proficiency Certificate in Systems, Applications and Products
Enterprise Systems Education for Africa, South Africa
- iii. Certificate of completion in Health, Safety, and Environment (HSE)
Occupational Safety and Health Association, United Kingdom

5. Membership of Learned Societies & Professional Bodies:

- i. Member, Occupational Safety and Health Association, (OSHA) United Kingdom

6. Working Experience:

a. Academic experience

i. Teaching experience

- Assistant Lecturer 2017-till date
Department of Mechanical Engineering,
The Federal Polytechnic, Ilaro, Ogun state, Nigeria.

ii. Courses taught

- (i) Applied Thermodynamics
- (ii) Thermodynamics I
- (iii) Thermodynamics II
- (iv) Fluid Mechanics I
- (v) Fluid Mechanics II
- (vi) Refrigeration and Air Conditioning
- (vii) Safety

iii. Research interest

Renewable Energy/ Fluid Mechanics

iv. Academic leadership position:

Academic Departmental Secretary

b. Administrative experience

i. Membership of Committee

Member- Departmental Handbook Committee

7. Service outside the Federal Polytechnic, Ilaro

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| i. | Kwara State Centre Coordinator/Instructor
Elak Academy, VGC Lekki, Lagos.
Responsibility:
Teaching and training of National Youth Corps members (NYSC) on Health, Safety and Environment (HSE). | 2016 |
| ii. | Safety Supervisor
Energy Blocks Nigeria Limited, Victoria Island, Lagos | 2014 |
| iii. | Assistant Lecturer (NYSC)
Allover Central Polytechnic, Ota, Ogun state, Nigeria | 2013-2014 |

8. Scholarship/Fellowship & Prizes (if applicable): nil

9. Academic Publications:

a. Journal publications:

- i. Akinyemi T.O and **Ramonu O.J** (2019) Mitigation of CO₂ Emissions in Transportation and Industrial Processes using Renewable Energy Technologies- A Review. *European Journal of Engineering Research and Science*, 4(5): 58-66.
- ii. **Ramonu O.J**, Alerechi L.W. & Akinyemi T.O. (2018) Free Convection Flow and Heat Transfer of a Nano Fluid over a Porous Plate in a Darcy-Forcheimer Flow. *International Journal of Scientific & Engineering Research*, 9(8): 202-209.
- iii. **Ramonu O.J** & Alagbe A.A. (2018) Numerical Simulation of Contaminant Transport in Oil Contaminated Soils. *FUW Trends in Sci. and Tech. Journal*, 3(2): 282-286

- iv. **Ramonu, O.J** & Mohammed, M.A. (2018), Design and Analysis of Air Pre-Heater for a Gas Turbine Power Plant using PV Elite Software. *Advances in Multidisciplinary & Scientific Research Journal*. 4(1):121-126.
 - v. Akinyemi T.O & **Ramonu O.J** (2018), Optimization Opportunities in Nigeria Telecoms Terrestrial Network - A Review. *European Journal of Engineering Research and Science*, 3 (10)
 - vi. Odunlami S.A. & **Ramonu O.J.** (2017), Effects of Internal Heat Generation and Thermal Radiation on Unsteady Hydromagnetic Flow past a Stretching Surface Embedded in a Porous Medium with Viscous Dissipation. *FUW Trends in Sci. and Tech. Journal*, 2(2) 755-760.
 - vii. Falana A. & **Ramonu O.J.** (2016), Unsteady MHD Boundary Layer Flow and Heat Transfer due to Stretching Sheet in the Presence of Thermal Radiation and Viscous Dissipation. *J.Nig.Ass.Math.phys.* 38(2): 89-98.
 - viii. Odunlami S.A. & **Ramonu O.J.** (2017), Design and Fabrication of an Extracting Machine for Small-Scale Production of Local Pomade from Coconut. *Imperial Journal of Interdisciplinary Research*. 3(9): 737-740.
 - ix. Lawal, Olatunji A. Akinyemi, Toluwanimi O, **Ramonu, Olayinka J.** (2018), Mitigating the Challenges of Global Warming by Harnessing the Electric Power Generation Potential of Gas Flaring in Nigeria. *International Journal of Scientific & Engineering Research* 9(3): 1556-1562.
- b. Book Chapters/Book Publications: nil**
 - c. Conference papers:**
 - i. **Ramonu O.J.** & Odunlami S.A. (2018), Numerical Investigation of Thermophoresis and Brownian motion on Boundary Layer Flow of a Nanofluid. *International Conference and Exhibition on Technological and Global Competiveness*.
 - ii. Odunlami S.A & **Ramonu O.J.** (2018) Design and Fabrication of a Mobile Sieving Machine for Small and Medium Scales Garri Processing Industry. *International Conference and Exhibition on Technological and Global Competiveness*.
 - iii. **Ramonu O.J.** & Odunlami S.A. (2017) Comparison of Gas Emission from SAE 40 Engine oil and some Vegetable oils Blend at Varying Mixture Ratios

with Gasoline. *School of Pure & Applied Science and Communication & Information Technology Conference.*

- iv. Odunlami S.A & **Ramonu O.J.** (2017) Reconceptualising Technical Language for Technical Drawing as a Means of Addressing Mass Failure in the Subject. *Media, Communication and Information Technology Conference.*
- d. **Unpublished Project & Dissertation:** nil
- e. **Major research undertaken:** nil

10. Community Service: nil

11. Extra-Curricular Activities:

Football and Music

12. Referees

- (i) Engr. Olajide Lawal
Al Ghaith Oilfield Supplies and Servicing Company
Abu Dhabi , UAE
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- (ii) Engr. B.M N'Allah
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Kwara state, Nigeria.
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