**Mr. EGBO Munonyedi Kelvin (Lecturer II)**



Department of Mech. Engineering

University of Nigeria

Nsukka.

Tel: +234 (0) 803 662 5848

E-mail (work): munonyedi.egbo@unn.edu.ng

E-mail (personal) egbomuna@gmail.com

**PERSONAL:**

Place and Date of Birth: Enugu, Enugu, Nigeria | 26/12/1991

Marital status: Single

**EDUCATION:**

* Master of Science (MSc.) Sustainable Energy (2017) – Distinction

University of Glasgow, Glasgow, United Kingdom

* Bachelor of Engineering (B.ENG.) Mechanical Engineering (2014) – First Class Honours University of Nigeria, Nsukka, Nigeria

**PROFESSIONAL SOCIETIES:**

Member

International Association of Engineers (IAENG): 2018 – Present

**SCHOLARLY ACHIEVEMENTS:**

Best Graduating Student MSc Sustainable Energy, School of Engineering, University of Glasgow,

United Kingdom – 2017

**WORK EXPERIENCE:**

2018 – Date Assistant Lecturer (Lecturer II)

Department of Mechanical Engineering, University of Nigeria, Nsukka

 Assisting the Advanced Engineering Design Lecturer (Final Year Students)

 Lecture presentation in Manufacturing Technology to 3rd year Mech. Engineering. Students

2016 – 2018 Graduate Teaching Assistant

Department of Mechanical Engineering, University of Nigeria, Nsukka

 Administrative assistance to senior lecturers

 Results computation and holding tutorial classes on Engineering Thermodynamics

2017 – 2017 Customer Service Adviser

CAPITA John Lewis, Glasgow, United Kingdom

 Returns and refund processing

 Order placement and tracking

2013 – 2013 Intern

Alo Aluminium Manufacturing Company, Enugu

 Support in maintenance of production machinery

 Bricklaying in blast furnace installation

 Welding Assistant

**SERVICE TO GOVERNMENT AND OTHER PUBLIC BODIES:**

2015 – 2016 National Youth Service Corps (NYSC)

Comprehensive Secondary School Ediene, Abak, AkwaIbom

 Lecturer presentation on Geography and other basic science subjects

 Academic supervisory role to over fifty (50) senior secondary school students

2015 -2016 Community Development Service (CDS) group

Federal Road Safety Corps (FRSC) Abak Zone

 Conducting sensitization and awareness programmes road safety issues

 Fundraising for road safety projects

**PUBLICATIONS AND RESEARCH:**

**Conferences Presentations**

1. [Akwu-Ude, A., **Egbo, M.**, and Watson, I. (2017) ‘Optimization of a 1m3 PBR: A focus on the light distribution and culture-agitation’, *5th UK Japan Engineering Education League (UKJEEL) Workshop*. Glasgow, p. 13(ISBN: 9781119117254)](http://ukjeel.eng.gla.ac.uk/uploads/ukjeel_2017_programme.pdf)

2. Akwu-Ude, A., **Egbo, M.**, Watson, I., Blaney, R., (2017) ‘Optimization of a 1m3 PBR: A focus on thelight distribution and culture-agitation’, *7th International Congress on Biofuels and Bioenergy*. Toronto, Canada. Available at www.conferenceseries.com

**Other Reports**

1. [Egbo, M. K. (2017) ‘Utilitiy Scale Energy Storage Systems for Electricity: Pumped Hydro Energy Storage (PHES)’. **Unpublished**. Available on Reasearchgate | DOI: 10.13140/RG.2.2.13208.60169](https://www.researchgate.net/profile/Munonyedi_Egbo/publication/316460717_Utility-scale_energy_storage_systems_for_electricity_Pumped_hydro_energy_storage_PHES/links/58ff6919a6fdcc8ed50da87a/Utility-scale-energy-storage-systems-for-electricity-Pumped-hydro-energy-storage-PHES.pdf)

2. [Egbo, M. K. (2017) ‘Photobioreactors for Microalgae Production – A Review’. Available on Researchgate | DOI: 10.13140/RG.2.2.35321.16483](https://www.researchgate.net/profile/Munonyedi_Egbo/publication/322131734_Photobioreactors_for_microalgae_cultivation_-_An_overview/links/5a46925d0f7e9ba868aa4f75/Photobioreactors-for-microalgae-cultivation-An-overview.pdf)

3. Egbo, M. K. (2017) ‘Market and Government Regulations: The Need for Appropriate Balance for Sustainability’. **Unpublished**. Available on Researchgate | DOI: 10.13140/RG.2.2.25692.18562