


## PERSONAL INFORMATION



Kamundala Janvier

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Sex Male | Date of birth 1<sup>st</sup> January 1990 | Nationality Congolese (DRC)

## WORK EXPERIENCE

Dec 2020 – Present

Partial-time: Visitor Teacher

University of Kinshasa, Kinshasa, DRC

- Lectured the module of “electrotechnique énergétique” at the faculty of Oil&Gaz and new energies.

Feb 2020 – Present

Partial-time: Visitor Teacher

Mapon University, Kindu, DRC

- Conducting exercises and practical work of the modules of electromagnetism, Electrotechnics and electrical installation, electrical machines in BAC2 Electrical Engineering

Nov 2019 – Present

Partial-time : Visitor Teacher

Institut Supérieur des Techniques Appliquées (ISTA), Goma, DRC

- Lecturing the modules of Energy economics, power systems' utilization and control; module of High voltage technics and seminars in the Sixth year of Electrotechnics

April 2018 – Sep 2019

Co-founder and Project Engineer at Jua Jamii

Jua Jamii, Tlemcen, Algeria

<https://www.juajamii.com/en/meet-the-team/>

- Assessment of the housing industry market in Africa
- Responsible for engineering design of the Jua Jamii (JJ) green solar building in recycled containers
- Planned and executed the construction, transport, assembly, and disassembly of Engineering (Civil, Electrical, and Mechanical) equipment in Morocco.
- Responsible for fundraising for the project: look for potential companies in Algeria and Morocco to sponsor the JJ project
- Searched and created partnership with GIZ Algeria, Condor Algeria, Groupe Hasnaoui for supporting the Jua Jamii project at Solar Decathlon Africa in Morocco in September 2019.

May 2017 – Present

Teaching Assistant and Researcher

Faculty of Applied Sciences and Technologies of ULPGL, Goma, DRC

[www.ulpgl.net](http://www.ulpgl.net)

- Lecturing in bachelor degree the modules of: “Energy Economics”, “electromagnetism and electrotechnical materials”, “Power Plant Engineering” and “Power Systems Analysis” in the electrical energy department
- Supervising undergraduate students in the final year academic research in Electrical Engineering
- Elaborating and defending the project of the ULPGI triennial plan (2020-2023) of the faculty of applied sciences and technologies, a project of almost one million Euros founded by the German agency Bread for the world (Brot für die Welt)
- Planning and monitoring activities of the project plan triennial of ULPGI 2020-2023
- Since September 2020, I was nominated by the Rector of ULPGI, as a member of the ULPGI research committee in charge of international research cooperation

June 2016 – Avril 2019

**Founder and President of Congo Clean Cookers, ASBL**

Congo Clean Cookers Asbl, Goma, DRC

<http://cleancookers.org/>

- Organized general assemblies and meetings
- Fundraising for projects of the NGO
- Developed, tested and produced solar cookers for rural community in DRC
- Organized pieces of training in capacity building in clean cooker stoves for public awareness and environmental events

January 2019 – Present

**Volunteer as National Representative of Africa Solar Network for Solar Energy**

Africa Network for Solar Energy (ANSOLE e.V), DRC

<http://ansole.org/>

- Coordinating the activities of ANSOLE in DRC
- Submitting a quarterly report about the activities of ANSOLE in DRC
- Appointing focal points (persons) of ANSOLE in various higher education institution of the country
- Organizing ANSOLE meetings, conferences in DRC, the last one, I co-organized with the polytechnic faculty of UNIKIN on 22<sup>nd</sup> Avril 2019, the second meeting were planned on 6<sup>th</sup> June 2020, unfortunately postponed due to COVID-19

Mar 2017 – Sep 2017;  
Nov 2019 - June 2020;  
June 2020 – Dec 2020

**Tutor of Goma BEBUC scholars at Université Libre des Pays des Grands Lacs**

Foerdereverein Uni Kinshasa (fUNIKIN), Kinshasa, DRC

<https://foerdereverein-uni-kinshasa.de/>

- Responsible for payment of the Goma BEBUC scholars, BEBUC stands for Bourse d'Excellence Bringmann aux Universités Congolaises
- Co-Organizing weekly seminars and reporting on Goma BEBUC scholar's evolution every 3 months
- Advising scholars on their academic performance improvement

April 2019 – August 2019

**Research Intern**

Centre of New Energy Systems of the University of Pretoria, Pretoria, SA

<https://www.up.ac.za/centre-of-new-energy-systems-cnes>

- Developed my Master thesis on energy planning for rural electrification of Idjwi island (located at the East of DRC in the lake Kivu) scenarios for decision making, a project defended at PAUWES in Algeria in September 2019

June 2017 – July 2017

**Intern**

Green Institute, Ondo, Nigeria

<https://www.greeninstitute.ng/>

- Improved the three stones cookstoves of the Homaj Secondary School in Ondo, Nigeria
- Boot camp activities on sustainability and energy efficiency in schools and universities: Advocacy and public awareness of energy versus environment

March 2017 – May 2017

**Intern**

Ruzizi I, Hydropower plant at the Société Nationale d'Electricité(SNEL), Bukavu, DRC

- Daily mechanical and electrical maintenance of the turbines, pumps and the Hydropower plant Ruzizi I
- Daily report the state of different electrical characteristics of different machines of the hydropower plant

**EDUCATION AND TRAINING**September 2017 –  
September 2019**– Master of Sciences in Energy Engineering**

Pan African University Institute for Water and Energy Sciences including Climate Change (PAUWES), Tlemcen, Algeria

<http://pauwes.dz/>

- Relevant Modules include: Project Management, Hydropower, and Marine Technologies, Solar Energy Photovoltaic, Material Sciences, Instrumentation, Energy Economics, Renewable Energy Technologies, Energy for Sustainable Development, Bioenergy, Technical Performance Assessment, Energy Efficiency and Demand Side Management, etc.
- **Kamundala J.** Multi-Criteria Decision Making for energy planning in DRC: a case study of Idjwi island. MSc Thesis, Energy Engineering Track, Pan African University Institute of Water and Energy Sciences/Algeria, 2019, 71p

September 2014 –  
February 2017**Bachelor studies in Electrical Energy Engineering**

Université Libre des Pays des Grands Lacs (ULPGL), Goma, DRC

<http://ulpgl.net/>

- Relevant Courses include: Electrical machines, Material Sciences, Electrical Measurements, Power Systems Analysis and Design, Energy Economics, Power electronics, Electrical Power Plant II
- **Kamundala J.** Economical and technical analysis of a photovoltaic power plant connected to the grid, case study of SNEL/Goma. Bachelor of Electrical Energy Engineering Dissertation. Faculty of Applied Sciences and Technology, ULPGL/DR Congo, 2017, 103p

September 2008 – July 2014

Graduated in Electrical and Computer Sciences  
Université Libre des Pays des Grands Lacs (ULPGL), Goma, DRC

- Relevant Modules include: Electromagnetics and Electrical Materials, Programming Languages, Java, Databases Sciences, Computed Aided Design, Thermodynamics, Elements of Technologies, C and C++ Languages, Mathematics for engineering I and II, Finite Elements Methods, Physics I and II
- **Kamundala J.** Modelling of Medium Voltage/Low Voltage for the electrical grid, a case study of Katindo II, Goma, DRC. First Cycle of Electrical Engineering Dissertation. Faculty of Applied Sciences and Technology/ DR Congo, 2014, 53p

## PERSONAL SKILLS

Mother tongue(s)

Swahili

Other language(s)

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
C1	C1	C1	C1	C1
C1	C1	B2	B2	B2

French  
English

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user  
Common European Framework of Reference for Languages

Organisational/managerial skills

Excellent managerial skills – Solid competencies for negotiation, problem-solving – Good speaker in Public

Leadership roles

- Overall Leader of the Online Platform of the Pan African University Institute for Water and Energy Sciences (December 2017 to January 2019), Tlemcen, Algeria
- Class Representative of MSc. Energy Engineering (October 2017 to November 2018), Tlemcen, Algeria
- Speaker of Goma BEBUC Scholars (July 2013 to February 2017), Goma, DR Congo
- Delegate of Goma BEBUC Scholars to the evaluation in Kinshasa (March 2013), Kinshasa, DR Congo
- Vice-President of the ULPGL students Committee (February 2012 to February 2013), Goma, DR Congo
- President of the students of the Applied Sciences and Technologies Faculty (February 2011 to February 2012), Goma, DR Congo

Computer skills

Excellent command of general Microsoft Office™, MS Project, MatLab, RETScreen, PVSyst, HOMER, PSCAD, Power World Simulator

## ADDITIONAL INFORMATION

## Honours and awards

- Finalist of the IEEE Empower a billion lives competition in Africa and Prefinalist at the Africa-European stage 2019, Seville, Spain
- Solar Decathlon Africa 2019 Decathlete, Benguerir, Morocco 2019
- African Union Commission Scholar at the Pan African University Institute for Water and Energy Sciences (Sept 2017 to Sept 2019)
- BEBUC Awards Winner of 2017
- BEBUC Master Scholar from April 2017 to September 2019
- BEBUC Excellence Scholarship for BSc. Studies of the German-Congolese NGO "JUNIKIN", 2012 (with prolongation in 2013,2014,2015,2016)
- Best Student Scholarship winner of the Université Libre des Pays des Grands Lacs of the academic year of 2011 and 2016

## Social Engagement

- Member of STEMDC initiative of Prof. Ngalula Mubenga Sandrine
- Member of the Climate Change and Gender Club of PAUWES, Tlemcen, Algeria
- Member of the Groupe d'Echange pour la Science et Innovation (GESI) of ULPGL, Goma, DRC
- President of the youth of the Pentecost Church in Central Africa Antiokia in Goma (December 2010 to January 2015), Goma, DRC

## References

Prof. Dr. Karine Ndjoko loset  
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Prof. Olivier Baraka Mushage  
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I certify on my honor that the information provided is true and accurate.

Kinshasa, 05 January 2021



**Kamundala Janvier**