

CURRICULUM VITAE (RESUME)

1.1 PERSONAL PROFILE.

1.1.1 Personal Details

- Name: Eng. Antony Fundia Simbiri.
- Date of Birth: 5th September 1973.
- Age: 47 yrs
- Nationality: Kenyan
- Gender: Male
- Marital Status: Married
- Cell Phone: (+254) 0705-42-70-17
- E-Mail: simbiri.anthony@ku.ac.ke or tonylk7@yahoo.com
- Designation: Tutorial Fellow
- Department: Gas and Petroleum Engineering
- PF. No: 10841
- Thematic Areas: Drilling and Production Engineering
- ORCID I.D: <https://orcid.org/0000.0003-4672-0823>
- Google Scholar Address: Eng. Antony Fundia Simbiri.



1.2 ACADEMIC AND PROFESSIONAL QUALIFICATIONS.

1.2.1 University.

- **2020 to Date:** **Ph.D. in Petroleum Engineering**, World Bank Africa Center of Excellence, Center for Oilfield Chemicals Research, University of Port Harcourt.
Research and Thesis: *Evaluation of Starch from Selected Cassava Cultivars from Kenya as Oil Field Additive in Kenyan Oil Operations - Ongoing.*
- **1992 – 1997:** State Academy of Oil and Gas (aka Russia National University of Oil and Gas). (Named after Gubkin).
Master of Science (M.Sc) in Petro-chemical Engineering (Petrochemical Engineering). **GPA Score** (4.36/5).
Research and Thesis: *Use of Calcium additives in the production of Oil based lubricants*
- **1991 – 1992:** St. Petersburg Poly-Technical University, St. Petersburg, Russia. (St. Petersburg, Russia). *Certificate of proficiency in Russian language.*
- **1990 – 1991:** Moi University, Eldoret, Kenya.
Nominated for B.Sc. (Education – Chemistry/Maths Option) Degree program.

1.2.2 High School.

- **1987 – 1990:** Mukumu Boys High School, Kakamega, Kenya.
Kenya Certificate of Secondary Education (K.C.S.E)

1.2.3 Primary School.

- **1978 – 1986:** Kima Primary School, Vihiga, Kenya.
Kenya Certificate of Primary Education (K.C.P.E)

1.3 EMPLOYMENT HISTORY /WORK EXPERIENCE

- **April 2020 to Date** Tutorial Fellow, Department of Gas and Petroleum Engineering, School of Engineering and Technology, Kenyatta University.
- **Nov 2019 – 2020** Tutorial Fellow, Department of Chemical and Petroleum Engineering, College of Architecture and Engineering and Technology University of Nairobi.
- **Nov 2014 – 2019** Part - Time Lecturer, Department of Chemical and Petroleum

Engineering, College of Architecture and Engineering and Geology Department, College of Biological and Physical Sciences, University of Nairobi.
Part - Time Lecturer Department of Gas and Petroleum Engineering, School of Engineering and Technology, Kenyatta University.

- **2013** Industry Consultant
- **Jan 2009 – 2012** Principal, Kangundo Complex School, Machakos, Kenya.
- **Jan 2002 – 2008** Deputy Principal & Chemistry Teacher, Kangundo Complex School, Machakos, Kenya.
- **2000 – 2001** Chemistry Teacher, Kangundo Complex School, Machakos, Kenya.
- **1999** Industry Consultant, Sony Sugar Company, South Nyanza, Awendo.
- **July 1996** Administrative Assistant (Summer & Winter Holidays) – Embassy of the Republic of Kenya.

1.4 ACHIEVEMENTS

- Awarded a state scholarship to Russia to study Petroleum Engineering in February, 1991.
- Awarded a Ph.D state scholarship to China to study Petroleum Engineering in February, 2015. Didn't take it up due medical reasons.
- Designed and patented a novel technology of processing Miraa in March 2016, (Patent holder Number KE/P/2016/2558).
- Acted as an active liaison between industry and academia for student field excursions, laboratory experiments and conferences for the Chemical and Petroleum Engineering Department, University of Nairobi, April, 2017.
- Nominated and participated in an IAEA (International Atomic Energy Agency) sponsored seminar at the University of Nairobi, Institute of Nuclear Science to study tracer and radiation applications in the oil and gas industry. Graduated as a certified tracer and radiation application operator level 2 in October, 2019.
- Awarded a Ph.D state scholarship to study petroleum engineering through RUFORUM GTA 2020 Programme to World Bank Africa Center of Excellence, Center for Oilfield Chemicals Research at Port Harcourt University, Nigeria in September, 2020. Ongoing.

1.5 CONFERENCES

- Opportunities for capacity building in the Oil and Gas Sector and other Extractives in the Eastern African Region. Organized by the Morendat Institute of Oil and Gas (MIOG). Held at the University of Nairobi Towers from 16th to 17th May, 2018.
- Kenya petroleum technical Assistance project (KEPTA) validation workshop for the development of transparency and accountability framework for the petroleum sector in Kenya. Held at the Strathmore University, Nairobi, Kenya, on 15th May, 2019.
- West Africa centers of excellence Regional Symposium Held Virtually on 11TH May, 2021 10:00 AM West Central Africa GMT. Hosted By Prof. Emenike C. Ejiogu.

1.6 RESEARCH AND PUBLICATIONS

1. Fundia A.S, Fukc I.G. (1997). “**Use of Calcium additives in the production of oil-based lubricants.**” Unpublished. M.Sc. Thesis, State Academy of Oil and Gas (Gubkin), June, 1997.

1.7 PROFESSIONAL CONSULTING

- April 1999: Consultancy services for South Nyanza (SONY) Sugar Company, Awendo, on energy enhancement in processing sugar.
- September 2016: Consultancy services for University of Nairobi under the chairman of mechanical engineering department, for the review and development of the Petroleum Engineering program, as an Industry consultant.

1.8 ADMINISTRATIVE POSITIONS HELD

- June 2020: Appointed as the Third-Year Student Counsellor for the Department of Gas and Petroleum Engineering.
- April 2020: Appointed as a chairperson of the departmental committee on curriculum review in Department of Gas and Petroleum Engineering.
- January 2019: Appointed as the acting examinations coordinator for the Chemical and Petroleum Engineering department in the College of Architecture and Engineering, University of Nairobi.
- October 2015: Appointment as a member to departmental evaluation of the installation and commissioning of Petroleum Laboratory Equipment, Department of Gas and Petroleum Engineering, Kenyatta University.

1.9 PROFESSIONAL AFFILIATIONS

- International Society of Tracers and Radiation Applications
- International Society of Petroleum Engineers
- Engineers Board of Kenya.

2.0 REFEREES

1) Dr. Daniel Oyoo - Chairman,
Gas and Petroleum Engineering Department, School of Engineering & Technology,
Kenyatta University, Kenya.
Mob: 0724-60-88-77/0721 94-24-75
Email: oyoo.daniel@ku.ac.ke

2) Dr. Jama Hussein - Program Coordinator,
Petroleum and Chemical Engineering Department, College of Architecture and Engineering,
University of Nairobi, Kenya.
Mob: 0722-33-77-88
Email: hussein.jama@uonbi.ac.ke

3) Dr. Charles Gichaba, - Chairman,
Geology Department, College of Biological and Physical Sciences,
University of Nairobi, Kenya.
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