

Curriculum Vitae

Mr. Lomertwala Hassan Mnangat

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Email: hassanmnangat20@gmail.com;

Nationality: Kenyan

Date of birth: Jan 20, 1995

Marital Status: Single

National Identification card number: 31935662

CAREER OBJECTIVES

1. Earn a PhD in chemistry from a top class University/laboratory
2. Pursue postdoctoral research immediately after obtaining the PhD
3. Publish my research work in reputable peer reviewed journals and conferences
4. Take up a tenure track academic position
5. Establish a research group

ACADEMIC BACK GROUND

Year	Institution and Qualification
2021– To Date:	Murang'a University of Technology, PhD. Chemistry
2018– 2020:	Murang'a University of Technology, Msc. Chemistry
2013-2017:	Maseno University, BSc. Industrial Chemistry (with IT) First class honours
2009-2012:	Koelel High School, Gilgil. - Kenya Certificate of Secondary Education, O level (K.C.S.E) - Pass with A- (Minus) mean grade
2000-2008:	Kamorror Primary School, Kapenguria. - Kenya Certificate of Primary Education, (K.C.P.E) - Pass with 349 out of 500 marks.

WORK EXPERIENCE

- **Tutorial Fellow** Murang'a University of Technology: Teaching and supervision of undergraduate students.
- **Graduate Assistant** Murang'a University of Technology: Teaching and supervision of undergraduate students.
- **Teaching Assistant** Murang'a University of Technology: Teaching and supervision of undergraduate students.
- **Teaching Secondary Schools** Meshack Tumkou Secondary School: Teaching, setting tests and marking.
- **May 2016 – August 2016: Chemist** at the Government Chemists, Kisumu

<u>Section</u>	<u>Responsibilities</u>
1. Water section:	- Chemical analysis of water samples - Bacteriological analysis of water samples
2. Criminalistic section:	- Chemical analysis of narcotic substances (cannabis, illicit alcoholic drinks, heroin)
3. Foods and drugs section:	- Chemical and bacteriological analysis of foods, drugs and other industrial products and chemicals for suitability and compliance purposes.
4. Toxicology section:	- Analysis of post-mortem samples to determine possible

cause of death. Use of TLC and HPLC.

5. DNA/Serology section: - Analysis of serological samples & body fluids e.g. Blood, saliva, semen to determine paternity/ maternity or identification of missing persons.

SKILLS AND COMPETENCIES

1. Ability to work with a variety of laboratory instruments including:-
 - Ultra Violet spectrometer
 - Atomic Absorption Spectrophotometer
 - PCR- Genetic Analyzer
 - Moisture Analyzer
 - Water Analysis instruments: Turbidimeter, Spectrophotometer, assorted meters (pH and Conductivity meters)
 - HPLC Technique
2. Writing Lab reports for end users
3. Teaching of first year undergraduate students
4. Testing and evaluation of undergraduates: Setting and marking of tests and lab experiment reports, exam invigilation

HOBBIES

- I play football.

REFEREES

1. Dr. Peter Waithaka
Director , Research and Consultancy
Murang'a University of Technology,
P.O BOX 75-10200, Murang'a, Kenya.
Cell No: +254722651673
Email: ptrwaithaka10@gmail.com
2. Prof. Sylvia Opiyo,
A.g Dean,School of Pure and Applied Sciences,
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3. Dr. Warren Andrew Andayi
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