# Curriculum Vitae for Ms Dineo Gladys Raphasha

# 1 Personal and contact details

# Contact information

**Mobile**: +27714494847

**Emails:** dg.raphasha@gmail.com

 **Gender:** Female

 **Race**: African

#  Date of Birth: 22-07-90

#  South African ID No. 9007220949081

#  Disability: None

# 2 Academic Qualificationsand Research Interests

#  Completed

* National Diploma- Agricultural Management – University of South Africa-2011-2014
* BSc. Honours - Environmental Management University of South Africa 2015 – 2018

# Supporting qualifications

* Certificate in Quality Management Systems (ISO 9001:2015)-2021
* Certificate in facilitating a group to achieve a stated objective or solve a problem2019
* Certificate in conducting outcome based assessment-2019
* Certificate in Bio-Entrepreneurship - The Innovation Hub CoachLab Entrepreneurship class of 2019
* Certificate in Volunteer tutoring - 2013

# 3 Work Experience

 **Laboratory technician: -** University of Limpopo–November 2020- Present

# Post involves:

* Provide technical service for community projects and assist with product development and testing for Small, Medium, and Micro Enterprises (SMME’s).
* Prepare and supervise undergraduate practical sessions.
* Evaluate practical reports and manage the practical marks of undergraduate students.
* Plant, soil and water Sample collection, labelling and management
* Procurement of chemicals and consumables, obtaining quotes, receiving and following up on outstanding orders. Trouble-shooting any ordering problems.
* Consulting with sales representatives on new products and equipment
* Manage the acquisition and maintenance of laboratory instruments and materials.

**Research Assistant:** - Agricultural Research Council (ARC), Vegetable and Ornamental Plants (VOP) – August 2014- September 2020

# Post involves:

* Assist in managing research projects in agro-processing of medicinal plants specifically in quality control of medicinal plants products, cultivation, processing and propagation of medicinal plants.
* Assist in coordinating trials on cultivation to optimize yield, bioactivity and seasonal variation of active principles in medicinal plants.
* Compile quarterly, annually, ad hoc reports, articles and manuscripts for scientific/popular journals/magazines.
* Collect, keep record and process data including the use of relevant statistical packages.
* Hire and mentor students, field laborers and assistants.
* Assist in managing and ensuring efficient deployment and utilization of human resources, setting objectives, assessments of their performance and training.
* Disseminate technology through popular articles and scientific publications.
* Initiate collaborations with national and international organizations and institutes on current scientific research areas.

# Community projects

Assisting with infrastructure development, technology transfer and product development formulations in the following community based projects:

a. MIPFA in Makonde, Venda.

1. Sedikong sa lerato in Tooseng, Limpopo.
2. Phedisanang in Hammanskraal, Gauteng.
3. Phephisa naturals in Nkomazi, Mpumalanga.
4. Setsong project in Ga matlala Ramoshebo, Limpopo.

**Experiential training-:** Agricultural Research Council (ARC), Animal Production (Irene) - July 2013 - June 2014 **Post involves:**

# Small Stock Section:

Husbandry practices, vaccination of animals, post mortem examination, ear tagging of young goats and sheep's, weaning of lambs, treating sick animals according to their diseases and medicinal needs, different feeding schemes under different feeding criteria, maintenance of facilities and equipments, maintaining pens and kraals. Identification of poisonous plants in farmlands, weighing of small stock animals and compost making.

**Dairy production unit:** vaccination against diseases, dipping practices, weighing, weaning of calf, artificial insemination demonstration, milking parlour maintenance, milking cows, milk recording, record keeping, maintenance of facilities and equipments, treating injured or sick cows according to different medicinal needs and diseases, feeding according to specific feeding criteria, ear tagging and dehorning.

**Volunteer tutor**- Department of Basic Education- January 2012- June 2013

# 4 Research Experience

# Conference presentations

 Scientific conferences attended at international and South African institutes

1. South African Association of Botanists January (SAAB) 2020
2. Indigenous Plant Use Forum (IPUF) July 2019
3. FAO CSIR Regional Workshop on Climate Smart Technologies for Food Processing. Ghana October 2019.
4. Second International Symposium on Moringa (ISM) November 2019.

# Professional Membership

1. South African Association of Botanists (SAAB)
2. International Society for horticultural science (ISHS).