



# Programme

## Faculty of Health and Applied Sciences - Research Day

Date: Friday, 17 May 2019

Time: 07:30 - 12:30

Venue: FHAS Auditorium, Ground Floor, NUST Lower Campus

### Director of Ceremonies

Prof Omotayo Awofolu

Associate Dean: Research and Innovation, FHAS

07:30 Registration

08:10 Welcoming Remarks

Dr Onesmus Shuungula  
Dean: Faculty of Health  
and Applied Sciences

08:15 Opening Statement

Prof Pramanathan Govender  
Deputy Vice- Chancellor:  
Research and Innovation

### Session 1: Chairperson: Dr Yapo Aboua

### Presenters

08:30 Relationship between the Geographical  
Location and Causes of Motor Vehicle  
Accidents on the B1 Road, Windhoek to Rehoboth

Mrs Carolie Cloete

09:00 Optical Control of Geomagnetic Disturbances  
(GMD) using Wavelet Techniques: A Case Study  
of Nampower Network

Mr Ndadi Ilenikemanya

09:30 Impact of Illegal Waste Disposal Practices on  
Human and Environmental Health in Katutura  
Residential Suburb, Windhoek, Namibia

Mr Immanuel Zeriapi

10:00 Photo Session

10:15 Tea Break

### Session 2: Chairperson: Dr Adetayo Eegunjobi

### Presenters

11:00 Assessment of Indoor Radon Exposure and  
Effective Dose Estimation to Inhabitants of  
Arandis Town, Namibia

Mr Munyaradzi Zivuku

11:30 Magnetic Iron Oxide Nanoparticles Modified  
with Moringa Seed Proteins for Water Treat-  
ment and Recovery of Precious Metal Ions

Ms Marta Amuanyena

12:00 Constrained Optimization Modelling of  
Economic Problems: A Multi-Sector Capital  
Accumulation Model

Mr Ndinodiva Ndinodiva

12:35 Closing Remarks

Dr Munyaradzi Mukesi  
Associate Dean: Teaching  
and Learning, FHAS