



NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY

Applications are invited for the following posts in the Faculty of Applied Science: -

1. PROFESSORSHIP (1 POST)

Department of Environmental Science and Health

Applicants must hold a PhD Degree in any discipline related to Environmental Science and Health. A proven track record of published work in their areas of interest is a requirement, and these should have been done in reputable journals. The successful applicant should have experience in guiding students in research leading to Masters, MPhil and PhD Degree awards. S/he must demonstrate ability to carry out research with minimum resources and a proven track record in both ability and capacity to attract funding in his/her area of research. Further, the successful applicant will be required to provide research guidance while coordinating all research activities in the Department. An interest in interdisciplinary research shall be an added advantage. In addition, the successful candidate will be expected to teach on the Master's Degree programmes in the Department.

2. LECTURESHIP/SENIOR LECTURESHIP/ASSOCIATE PROFESSORSHIP (3 POSTS)

Department of Environmental Science and Health

Post A

Applicants must hold a Master's Degree and/or PhD in any of the following: Occupational Health and Safety, Environmental Health or Public Health. The successful applicant will be expected to teach Occupational Health and Safety, Environmental Management Systems and any other related courses on offer in the three (3) programmes currently running in the Department, that is, Bachelor of Science Honours Degree in Environmental Science and Health, Bachelor of Environmental Science (Honours) Degree in Public Health and Master of Science in Environmental Health. In addition, s/he will be expected to carry out research in his/ her area of expertise and / or participate in research currently going on in the Department.

Post B: Environmental Biologist

Applicants must hold at least a relevant PhD Degree that will allow them to teach in the following areas of specialisation: Environmental Toxicology, Biotechnology as well as Molecular Genetics. Holders of a relevant Master's Degree may be considered for the post. The successful candidate will also be expected to teach on a wide variety of courses in the Bachelor of Science Honours Degree in Environmental Science and Health, Bachelor of Science Honours Degree in Public Health and Masters in Environmental Health.

Post C: Food Microbiologist/Technologist

Applicants must hold at least a relevant PhD Degree that will allow them to teach in the following areas of specialisation: Meat Hygiene and Technology, Parasitology as well as Food Hygiene. Holders of a relevant Master's Degree may be considered for the post. The successful candidate will also be expected to teach on a wide variety of courses in the Bachelor of Science Honours Degree in Environmental

Science and Health, Bachelor of Science Honours Degree in Public Health and Masters in Environmental Health.

3. RESEARCH FELLOWSHIP (1 POST)

Department of Environmental Science and Health

Applicants must have a minimum of a Master's Degree in Environmental Health. Applicants who are holders of PhDs in the field will be given preference. Applicants should have expertise and be able to conduct research on impact of climate change on environmental health. The successful applicant must have a strong research background with a traceable research track record. S/he will be responsible for conducting research that will lead to the generation and publication of research material on climate change and environmental health. Further, s/he would be required to assist in the research mentoring of students in the Department so as to improve the quality of research output.

4. LECTURESHIP/SENIOR LECTURESHIP/ASSOCIATE PROFESSORSHIP (6 POSTS)

Department of Statistics and Operations Research

Post A (1 Post)

Applicants must be holders of a Bachelor of Science Honours Degree in any of the following fields: - Operations Research and Statistics, Statistics, Applied Mathematics or Mathematics and be in possession of a Master of Science Degree in at least one of the following: Operations Research and Statistics, Statistics or Operations Research. Holders of a PhD Degree in any of the above disciplines will be given preference.

The successful candidate will be expected to teach modules on stochastic processes, design and analysis of experiments, computer packages in Operations Research and Statistics at undergraduate level as well as teach Financial Mathematical Modelling and Stochastic Models / Modelling at postgraduate level.

Post B (5 Posts)

Applicants must hold a good Bachelor of Science Honours Degree (2.2 or better) and a Master's Degree in any of the following disciplines: Operations Research, Operations Research and Statistics, Statistics or Mathematics. Possession of a PhD Degree in the aforementioned disciplines or evidence towards attaining one is required. The successful candidates, besides teaching in at least two (2) areas in Operations Research that include Linear Programming, Integer Programming, Global Optimisation and Decision Theory; as well as two (2) areas in the Statistics discipline that include Probability Theory, Design and Analysis, Time Series Analysis, Queuing Theory, Multivariate Analysis and Statistical Quality Control at undergraduate level, shall be expected to embrace Education 5.0 and to work actively towards its realisation. Furthermore, they will be required to teach at least one (1) of the following modules at Masters level: Financial Modelling, Stochastic Modelling, Simulation and Forecasting. Innovative research will be an integral part of their duties. Besides, they will be expected to show interest in directing student research at both undergraduate and postgraduate levels.

5. LECTURESHIP/SENIOR LECTURESHIP/ASSOCIATE PROFESSORSHIP (4 POSTS)

Department of Computer Science

Applicants must hold a minimum of a PhD Degree in Computer Science. The successful applicants will be expected to teach both mainstream and specialist Computer Science courses at undergraduate and postgraduate levels, supervise and/or co-supervise both undergraduate and postgraduate students, participate in academic administration as well as in productive high impact research which may result in commercialisation. The applicants must demonstrate the ability to promote entrepreneurship and business development. A strong orientation towards any of the following: artificial intelligence, data analytics, database and distributed systems will be an added advantage. Applicants who are holders of a

Master of Science in Computer Science should have at least two (2) years' experience teaching at University level and be registered for a Doctor of Philosophy in Computer Science.

6. LECTURESHIP/SENIOR LECTURESHIP/ASSOCIATE PROFESSORSHIP (2 POSTS)

Department of Radiography

Applicants must hold a minimum qualification of a Master's Degree in Radiography. A higher qualification in any of the following disciplines: Computed Tomography, Magnetic Resonance Imaging or Radionuclide Imaging and or proof of active research in the form of published papers shall be a definite advantage.

The successful applicants are expected to be conversant with basic Radiography taught to undergraduates at First and Second year levels at the University. They will be expected to teach the basic undergraduate courses, as well as elective courses taught at Fourth year level in their areas of specialisation. In addition, they will be expected to assist on the MSc Programmes in the Department. The successful applicants should be willing to do research with minimum resources in their areas of interest, solicit and attract funding in research.

7. LECTURESHIP/SENIOR LECTURESHIP/ASSOCIATE PROFESSORSHIP (4 POSTS)

Department of Applied Chemistry

Post A (3 posts)

Applicants must hold a PhD Degree in Analytical Chemistry with experience in teaching Analytical Chemistry at both undergraduate and postgraduate levels. Applicants with experience in Laboratory Management and Quality Assurance and/or Chemical Sensors and Biosensors will be given preference. The successful candidates will be expected to develop research and publication records within their area of specialisation. Knowledge of Computational Chemistry is advantageous.

Post B (1 post)

Applicants must hold a PhD in Physical Chemistry with experience in teaching Physical Chemistry at both undergraduate and postgraduate levels. The successful applicant will be expected to develop a research and publication record within his/her area of specialisation. Knowledge of Computational Chemistry will be an added advantage.

APPLICATION PROCEDURE

All applications will be treated in strictest confidence. Applications, which should include a curriculum vitae (giving full personal particulars of applicant including full name, place and date of birth, qualifications, employment and experience, present salary, telephone numbers and the names, addresses (including email) and telephone numbers of three contactable referees) and copies of certificates must be addressed to:

The Senior Assistant Registrar (Academic)
Human Resources Department
National University of Science and Technology
P O Box AC 939
Ascot
Bulawayo, ZIMBABWE

and emailed to recruitment@nust.ac.zw in a **single pdf file** clearly indicating the position being applied for in the subject line.

The National University of Science and Technology is an equal opportunities employer. In the interest of promoting gender parity, female candidates are encouraged to apply.

The closing date for receipt of applications is Monday 3 August, 2020

ONLY SHORTLISTED CANDIDATES WILL BE CONTACTED.