



NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY

The University seeks to recruit applicants with requisite qualifications, skills and experience for the following posts in the Faculty of Applied Science: -

1. LECTURESHIP/SENIOR LECTURESHIP/ASSOCIATE PROFESSORSHIP (1 POST)

Department of Applied Physics

The applicant must hold a PhD qualification in any one of Earth Sciences, Geophysics, Geology or Hydrogeology. In addition, s/he must hold a BSc Degree in Geology and, preferably also, a Masters Degree in Geology. Holders of the requisite geology degree qualifications who do not have a PhD Degree may be considered for the post. A Master of Science Degree holder shall be expected to register for studies leading to a PhD qualification in any one of the four fields. Proof of active research in the form of published papers and at least two years teaching experience at tertiary level, will be a definite advantage.

The successful applicant shall teach geology/geophysics modules on both the undergraduate Earth Sciences and the MSc in Geophysics programmes. In addition, s/he may be required to teach modules on basic physics on the BSc Degree in Applied Physics programme that is offered in the Department of Applied Physics.

S/he shall participate in all the Education 5.0 pillars that require her/him to be actively engaged in meaningful research that leads to development and economic sustainability. In doing so, s/he shall be expected to attract funding for research and foster collaborative research within the Department, Faculty and with other Institutions.

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

Department of Applied Mathematics

Applicants must have a PhD in Mathematics/Applied Mathematics and research interests in Pure or Applied Mathematics. Applicants with an MSc Degree in Pure Mathematics, Applied Mathematics, Industrial Statistics, Financial mathematics or Mathematics of Finance and evidence of teaching experience in any of the above areas, for example being a Demonstrator, Tutor or Lecturer may be considered.

The successful candidates will be expected to teach a wide variety of courses on the BSc (Honours) in Applied Mathematics Programme and any two of the following courses in MSc in Applied Mathematical Modeling Programme, Stochastic differential equations, Functional Analysis, Industrial Statistics and Financial mathematics.

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

Department of Computer Science

POST A: PROGRAMMING AND SOFTWARE DEVELOPMENT (2 POSTS)

Applicants must be holders of a Bachelor of Science Honours Degree in Computer Science and be in possession of a Master of Science Degree in at least one of the following: Computer Science, Big Data Science, Data Analytics and/or Computer Engineering. Holders of a PhD Degree in any of the above disciplines will be given preference.

The successful candidate will be expected to teach the following modules: Advanced Enterprise Architecture Programming, Advanced Database and Data Mining, Software Methodology, Research Methods at postgraduate level as well as teach similar courses at undergraduate level.

POST B: ARTIFICIAL INTELLIGENCE (1 POST)

Applicants must be holders of a Bachelor of Science Honours Degree in Computer Science and be in possession of a Master of Science Degree in at least one of the following: Computer Science, Big Data Science, Data Analytics and/or Computer Engineering. Holders of a PhD Degree in any of the above disciplines will be given preference.

The successful candidate will be expected to teach the following modules: Computational Discrete Mathematics; Evolutionary Computing & Parallel Distributed Processing; and Simulation & Modelling at postgraduate level as well as teach other courses at undergraduate level such as Artificial Intelligence and Machine Learning.

POST C: COMPUTER NETWORKS AND SECURITY (1 POST)

Applicants must be holders of a Bachelor of Science Honours Degree in Computer Science and be in possession of a Master of Science Degree in at least one of the following: Computer Science, Big Data Science, Data Analytics and/or Computer Engineering. Holders of a PhD Degree in any of the above disciplines will be given preference.

The successful candidate will be expected to teach the following modules: Pattern Recognition & Image Processing; Automated Reasoning; and Large-scale data processing and optimisation at postgraduate level as well as teach other courses at undergraduate level.

CONDITIONS OF SERVICE

An attractive package which includes Medical Aid, Leave and Pension Benefits is offered; details of which will be disclosed to shortlisted candidates.

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 names, place and date of birth, qualifications, employment and experience, present salary, telephone numbers and the names, addresses (including e-mail) and telephone numbers of three contactable referees) and copies of certificates must be addressed to:

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

And e-mailed 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 opportunity employer. In the interest of promoting gender parity, female candidates are encouraged to apply.

The closing date for receipt of applications is Friday, 24 February, 2023.

ONLY SHORTLISTED CANDIDATES WILL BE CONTACTED.