



## NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY

**The University seeks to recruit applicants with requisite qualifications, skills and experience for the following teaching and non-teaching posts in the Faculty of Engineering: -**

### **1. LECTURESHIP/SENIOR LECTURESHIP/ASSOCIATE PROFESSORSHIP (2 POSTS)**

*Department of Chemical Engineering*

#### **POST A**

Applicants must have a BEng or BSc (Hons) or equivalent in Chemical/Process Engineering, MEng or MSc in Chemical and Environmental Process Engineering or a PhD in Chemical Engineering/ related. Candidate should also have proven relevant industry and lecturing experience (at least 3 years in each aspect). Evidence of scholarly contribution is required in the form of at least two (2) peer reviewed journal articles.

Experience in Numerical Simulation of multi-phase systems is required as the incumbent is expected to teach Computational Modelling and Simulation as well as assisting in supervising projects even at Master's level.

#### **POST B**

Applicants must have a BEng or BSc (Hons) or equivalent in Chemical/Process Engineering, MEng or MSc in Chemical and Environmental Process Engineering. Holding or being currently registered for a PhD in Chemical Engineering/ Process Engineering is an added advantage. Candidate should also have proven relevant industry and lecturing experience.

Experience in Water Sanitation and Health and Simulation in Biodigestion is required as the incumbent is expected to teach Environmental engineering courses as well as assisting in supervising related projects.

### **2. TECHNICIAN/SENIOR TECHNICIAN (1 POST)**

*Department of Chemical Engineering*

#### **Qualifications and Experience**

Applicants must possess a Higher National Diploma in Chemical/ Engineering and 3 years post qualification experience; or a Degree in Chemical/Process Engineering with at least one-year industrial experience. Working experience in a Food Industry, water analysis and use of UV-Vis Spectrophotometer equipment is a must. Supervisory experience will be an added advantage.

### **Duties and Responsibilities**

- Supervises laboratory and workshop activities.
- Prepares and maintains equipment or chemicals for practical work.
- Supervises and trains Technical Assistants.
- Sets up apparatus or prepares chemicals for research.
- Calibrates and standardises equipment or apparatus.
- Manages inventory of consumables and advises on re-order levels.
- Procures chemicals and equipment for the Department.
- Analysis of external customers' samples.

### **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](mailto: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, 02 December, 2022*

**ONLY SHORTLISTED CANDIDATES WILL BE CONTACTED.**