



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 Engineering: -

1. CHIEF TECHNICIAN (1 POST)

Department of Industrial and Manufacturing Engineering

The applicant must have a Master's Degree in Manufacturing Systems and Operations Management/Manufacturing Engineering and Operations Management/Production Engineering/Mechanical Engineering and a relevant Bachelor's Degree plus two (2) years relevant post qualification experience. Or a Bachelor's Degree in Industrial and Manufacturing Engineering/Production Engineering/Mechanical Engineering plus five (5) years relevant post qualification experience.

The successful applicant will be expected to supervise the staff in the workshop in addition to the technician's duties. Membership of a professional body such as the Zimbabwe Institution of Engineers is required.

2. ENGINEERING INSTRUCTOR (2 POSTS)

Department of Industrial and Manufacturing Engineering

POST A

Applicants must have a first Degree in Metallurgy/Materials Science/Mechanical Engineering/Industrial Engineering and National Diploma in Metallurgy/Mechanical Engineering. In addition, applicants are required to have a minimum of three (3) years post-qualification experience after first-degree in field of materials science, fabrication, casting or metallurgy.

The successful applicant will be expected to lead students through experimental work, demonstrate the operations of various types of equipment and plant, and to guide them through hands-on operation of the plant and equipment with particular regard to safety. In addition, she/he will be expected to also assist academic staff in their research activities. Membership of a professional body such as the Zimbabwe Institution of Engineers is required.

POST B

Applicants must have a first Degree in Electrical/Electronic Engineering, and a National Diploma in Electrical or Electronic Engineering. In addition, applicants are required to have a minimum of three (3) years post-qualification experience after first degree in the field of automation, instrumentation and control, mechatronics or electronics.

The successful applicant will be expected to lead students through experimental work, demonstrate the operations of various types of equipment and plant, and to guide them through hands-on operation of the plant and equipment with particular regard to safety. In addition, he/she will be expected to also assist academic staff in their research activities. Membership of a professional body such as the Zimbabwe Institution of Engineers is required.

Applicants must have a Higher National Diploma in Diploma in Geographical Information Systems and Remote Sensing or equivalent and three years' post-qualification experience; or a Degree in Diploma in Geographical Information Systems and Remote Sensing /Geospatial Science/Geospatial Intelligence or equivalent and one-year post-qualification experience. Applicants must have experience in both Geographical Information Systems and Remote Sensing hardware and software maintenance as well as possess intimate knowledge of office software applications and networking. Successful applicants must be able to demonstrate GIS and Remote Sensing Workflows, prepare, demonstrate and supervise practicals for students, and to carry out GIS analysis for research. Industrial certification in software development and network administration shall be an added advantage.

For appointment to the Senior Technician grade, applicants must have a Degree in Geographical Information Systems and Remote Sensing /Geospatial Science/Geospatial Intelligence or equivalent and at least three years' post-qualification experience.

3. TECHNICIAN/SENIOR TECHNICIAN (2 POSTS)

Department of Industrial and Manufacturing Engineering

POST A

A Bachelor's Degree in Mechanical Engineering/ Industrial and Manufacturing Engineering/ Production Engineering/ Manufacturing Engineering or a Higher National Diploma in Mechanical Engineering or Production Engineering is required. A minimum of two (2) years relevant post qualification experience is required.

The successful applicant will be expected to maintain and service departmental workshop equipment used for teaching and research activities. He/she will also be required to, actively participate in the design and development of experimental test rigs, and to assist students in carrying out experiments and projects. In addition the incumbent will be expected to assist academic staff with their research projects. He/she must demonstrate commitment to self-advancement within the academic and research environment of the University.

POST B

A Bachelor's Degree in Electronic Engineering/ Electrical Engineering/ Instrumentation and Control Engineering or a Higher National Diploma in Electronic Engineering/Electrical Engineering/Instrumentation and Control Engineering is required. A minimum of two (2) years relevant post qualification experience is required.

The successful applicant will be expected to maintain and service departmental Instrumentation and Control lab equipment used for teaching and research activities. He/she will also be required to, actively participate in the design and development of experimental test rigs, and to assist students in carrying out experiments and projects. In addition the incumbent will be expected to assist academic staff with their research projects. He/she must demonstrate commitment to self-advancement within the academic and research environment of the University.

4. CHIEF SECRETARY (1 POST)

Department of Industrial and Manufacturing Engineering

Applicants must have minimum qualifications of 5 'O' level passes including English Language plus a National Diploma in Secretarial Studies, or equivalent and at least three (3) years of relevant post-qualification experience. A Higher National Diploma in Office Management or equivalent will be an added advantage.

REQUISITE SKILLS

Computer literacy is a must and knowledge of student management information systems will be an added advantage. Proficiency in both oral and written English is a must.

ATTRIBUTES

Applicants must be of mature disposition with initiative, be able to work with minimum supervision. Reliability, honesty, loyalty and dedication are essential qualities.

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 Tuesday, 19 March, 2024.

ONLY SHORTLISTED CANDIDATES WILL BE CONTACTED.