



THE UNITED REPUBLIC OF TANZANIA  
MINISTRY OF EDUCATION, SCIENCE, AND TECHNOLOGY

THE NELSON MANDELA AFRICAN INSTITUTION OF  
SCIENCE AND TECHNOLOGY  
(NM-AIST)



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**EMPLOYMENT OPPORTUNITIES (RE-ADVERTISEMENT)**

The Nelson Mandela African Institution of Science and Technology (NM-AIST) in Arusha, Tanzania, is one in a network of Pan-African Institutions of Science and Technology located across Sub-Saharan Africa (SSA). These institutions, which are the proud brainchild of the late Nelson Mandela, envision training and developing the next generation of African scientists and engineers with a view to profoundly impacting the continent's development through the application of Science, Engineering, Technology, and Innovation (SETI).

The NM-AIST, an accredited higher learning institution (HLI) by the Tanzania Commission for Universities (TCU), is being developed into a world-class research-based institution for postgraduate and post-doc studies and research in SETI. NM-AIST values its employees and offers an encouraging working environment with comprehensive facilities, including:

- High-speed internet and modern offices.
- Housing or a housing facility for entitled staff (Senior Lecturer and above).
- A stimulating environment for teaching and research.
- A prime location in Arusha, a tourist city with excellent transport facilities for convenient travel.

The NM-AIST invites applications from suitably qualified and competent **Tanzanians** and **non-Tanzanians** to fill the following vacancies:

**1. Professor (4 Posts)**

**A. Entry Qualifications (Professor)**

Applicant at this level **MUST** be a holder of a PhD degree or an equivalent (e.g., MMed/MDent) qualification in a relevant discipline from a recognized university. Must have **at least three (3) years at the rank of Professor**. Applicants are encouraged to be demonstrated academic and research leadership with an outstanding background in research and innovation: **peer-reviewed publications, research output commercialization, resource mobilization, postgraduate supervision, industrial & community engagement, and international collaborations**. Must have a master's degree with a GPA  $\geq 4.0$  out of 5.0 and a bachelor's degree with a GPA  $\geq 3.8$  out of 5.0 or equivalent.

**B. Duties and Responsibilities for Professorial Positions**

- To provide academic leadership and conduct high-impact research and innovation in areas of specialization.
- To mentor junior academic staff and postdoctoral researchers in research areas of specialization, including grant writing.

- iii. To establish and lead research groups, research chairs, and attract research funding in relevant areas or fields.
- iv. To design and deliver lectures, seminars, and practical sessions for postgraduate students.
- v. To offer consultancy and engage in community and industrial outreach services or activities.
- vi. To contribute to institutional policy, governance, and institutional growth and sustainability strategies.
- vii. To organize and participate in key strategic regional workshops, stakeholder seminars, international conferences, high-level dialogues, and symposia.
- viii. To develop strategic collaborations with regional and international institutions.
- ix. To lead the establishment of state-of-the-art centres of excellence or laboratories in the related areas of specialty.
- x. To contribute to curriculum design and quality assurance in selected programs.
- xi. To promote the commercialization of research outcomes.
- xii. To perform any other duties as assigned by the relevant authorities.

### **C. Areas of Specialisation for Professorial Positions**

The four (4) professorial posts are categorized by Schools with their respective areas of specialization as follows:

#### **(i) School of Material, Energy, Water Resources and Environmental Sciences (MEWES) – (2 Posts)**

##### **Areas of Specialization**

- Professor in Groundwater Modelling and Management (1 Post).
- Professor in Incubation Management and Technology (1 Post).

#### **(ii) School of Computational and Communication Sciences & Engineering (CoCSE) – (2 Posts)**

##### **Areas of Specialisation**

- Professor in Cybersecurity & Information Assurance (1 Post).
- Professor in Computational Modelling and Scientific Computing (1 Post).

### **D. Salary Scale: PUTS 6.1**

The salary for the Professor rank will be according to the Salary Structure for Tanzania Public Service and the Harmonised Scheme of Service for Academic Staff in Public Universities and Constituent Colleges (2022).

## **2. Associate Professor (5 Posts)**

### **A. Entry Qualifications (Associate Professor)**

Requirements at this level **MUST** be a PhD degree or an equivalent (MMed/MDent) qualification in a relevant discipline from a recognized university. Must have **at least two (2) years at the rank of Associate Professor**. Applicants are encouraged to demonstrate academic and research leadership with an outstanding background in research and innovation: **peer-reviewed publications, research output commercialization, resource mobilization, postgraduate supervision, industrial & community engagement, and international collaborations**. Must have a master's degree with a GPA  $\geq 4.0$  out of 5.0 and a bachelor's degree with a GPA  $\geq 3.8$  out of 5.0 or equivalent.

## **B. Duties and Responsibilities for Associate Professors**

- i. To provide academic leadership and conduct strategic high-impact research and innovation in areas of specialization.
- ii. To mentor junior academic staff and postdoctoral researchers in research areas of specialization including resource mobilisation.
- iii. To establish and lead research groups, research chairs, and attract research funding in relevant areas or fields.
- iv. To attract and nurture talents in science, engineering, technology, and innovation (SETI).
- v. To design and deliver lectures, seminars, and practical sessions for postgraduate students.
- vi. To offer consultancy and engage in community and industrial outreach services or activities.
- vii. To contribute to institutional policy, governance, and promote institutional growth and sustainability.
- viii. To organize and participate in key strategic regional workshops, stakeholder seminars, international conferences, high-level dialogues, and symposia.
- ix. To develop strategic collaborations with regional and international institutions.
- x. To lead the establishment of state-of-the-art centres of excellence or laboratory in the related areas of specialty.
- xi. To contribute to curriculum design and quality assurance in selected programs.
- xii. To promote the commercialization of research outcomes.
- xiii. To perform any other duties as assigned by the relevant authorities.

## **C. Areas of Specialisation for Associate Professors**

The five (5) posts for Associate Professors are categorized by Schools with their respective areas of specialization as follows:

### **(i) School of Life Sciences and Bio-Engineering (LiSBE) – (1 Post)**

#### **Areas of Specialisation:**

- Associate Professor in Nanotechnology (1 Post).

### **(ii) School of Material, Energy, Water Resources and Environmental Sciences (MEWES) – (2 Posts)**

#### **Area of Specialization:**

- Associate Professor in Nanomaterials and Nanotechnology Engineering (1 Post).
- Associate Professor in Hydro-informatics (1 Post).

### **(iii) School of Computational and Communication Sciences & Engineering (CoCSE) – (2 Posts)**

#### **Areas of Specialisation**

- Associate Professor in Automation & Mechatronics (1 Post).
- Associate Professor in Smart Devices & Digital Manufacturing (1 Post).

## **D. Salary Scale: PUTS 5.1**

The salary for the Associate Professor rank will be according to the Salary Structure for Tanzania Public Service and the Harmonised Scheme of Service for Academic Staff in Public Universities and Constituent Colleges (2022).

## 2. GENERAL CONDITIONS

- (i) Applicants may be of any nationality but must not be older than 65 years.
- (ii) Applicants must attach an up-to-date Curriculum Vitae (CV) having reliable contacts; postal address/post code, e-mail, and telephone numbers.
- (iii) Applicants should apply considering the criteria outlined in this advertisement.
- (iv) Applicants must attach copies of the following credentials:
  - a) PhD/master's/bachelor's certificates.
  - b) PhD/master's/bachelor's transcripts.
  - c) Professional Registration and Training Certificates from respective Registration or Regulatory Bodies (where applicable).
  - d) Birth certificate/National ID or Passport.
- (v) Attaching copies of Testimonials and all Partial transcripts is strictly not accepted.
- (vi) An applicant should indicate three reputable referees with their reliable contacts.
- (vii) An applicant with special needs/case (disability) is advised to indicate.
- (viii) Applicants should provide proof of competency in spoken, reading, and written English.
- (ix) Professional certificates from foreign Universities and other training institutions shall undergo internal verification as per the Tanzania Commission for Universities (TCU) and the National Examination Council of Tanzania (NECTA) guidelines.
- (x) Only short-listed candidates will be informed on the date of the interview.
- (xi) Submission of certificates in languages other than English should be accompanied by legally translated copies of the same.
- (xii) Presentation of forged certificates and other information will necessitate legal action.
- (xiii) A signed application letter should be written in English and Addressed to:

The Deputy Vice Chancellor - Planning, Finance & Administration (DVC-PFA),  
The Nelson Mandela African Institution of Science & Technology (NM-AIST),  
404 Nganana, 23311 Kikwe, Arumeru,  
P.O. Box 447,  
Arusha, **Tanzania**.
- (xiv) Submission should include a one-page Research and Teaching Statement.
- (xv) The entire application package should be submitted as one PDF document.

**NOTE:** All applications and inquiries must be sent through the email address: [recruitment@nm-aist.ac.tz](mailto:recruitment@nm-aist.ac.tz) and not otherwise.

**Deadline for submitting applications is 17<sup>th</sup> April 2026.**

**Released by:**

**THE VICE CHANCELLOR  
THE NELSON MANDELA AFRICAN INSTITUTION OF SCIENCE AND TECHNOLOGY  
(NM-AIST)**