



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

Announcement of Full Scholarships under the Tanzania Agricultural Catalytic Trust (TACT) and the Centre for Research, Agricultural Advancement, Teaching Excellence and Sustainability in Food and Nutritional Security (CREATE-FNS) for 2021/2022 Academic Year

Background

The Nelson Mandela African Institution of Science and Technology (NM-AIST) in Arusha, Tanzania in collaboration with the Tanzania Agricultural Catalytic Trust (TACT), through the Centre for Research, agricultural Advancement, Teaching Excellence and Sustainability in Food and Nutritional Security (CREATE-FNS) is looking to improve dairy sector for more milk production through data driven innovative approaches. The dairy sector is a fast-growing industry in Tanzania providing nutrition to all age groups, employment and transforming the socio-economic status of several stakeholders. Increase in production through improving the existing local breeds (Zebu), requires a holistic approach for both genetic and phenotypic information to enhance production. The NMAIST therefore, is looking for two (2) Master students admitted at NM-AIST in Sustainable Agriculture (Agricultural Systems Management) and Health and Biomedical Sciences; who will undertake their research work in the TACT's dairy farmers in Dar es Salaam and Pwani regions. As part of their field work the candidates will be introduced to the newly developed Farming-As-A-Business (FAAB) system at TACT that will form a platform for data handling, processing, interpretation and utilization for holistic improvement of dairy sector in Tanzania. These are full scholarships as per the NM-AIST fees structure.

Eligibility criteria

The applicants will be required to submit the following:

- 1) One page of motivation letter.
- 2) Certified copies of academic transcripts and certificates in any of the following field; Bachelor degrees/Postgraduate Diploma in: Veterinary Medicine, Animal Science and Production, Dairy farming and other relevant fields.
- 3) NM-AIST student admission letter. Those who don't have admission letters can apply it through the following link **not later than 15th December 2021**: <https://oas.nm-aist.ac.tz:8443/noas/> .
- 4) Research concept note focusing on the mentioned priority research areas
- 5) Evidences of excellent command and knowledge of computer application programs such as Word, excel, power point, and MS Project.
- 6) A maximum of 2-page of Curriculum Vitae (CV).
- 7) Evidence of at least one (1) peer reviewed publication or accepted paper in the focus field or related field will be an added advantage.

Other Instructions

1. Incomplete documents or failure to follow instructions will automatically lead to disqualification.
2. Only successful candidates will be informed for further instructions on reporting time to commence studies at NM-AIST.
3. All applications and supporting documents must be sent to NM-AIST using the following email: createspostgrad@nm-aist.ac.tz.

Deadline for receiving applications is on Monday 20th December 2021.