



DEDAN KIMATHI UNIVERSITY OF TECHNOLOGY

Our Vision

“To be a premier technological university, excelling in quality education, research and technology transfer for national development”

Our Mission

“To provide an academically stimulating, culturally diverse and quality learning environment that fosters research, innovation and technology development towards producing relevant technical and managerial human resource and leaders to contribute to attainment of national development goals.”

RESEARCH ASSISTANTS OPPORTUNITIES AT THE CENTRE FOR SPATIAL INFORMATION SCIENCE AND SYSTEMS (CSISS)

Description: We are seeking a highly motivated doctoral research assistant and graduate assistants to work on a research project titled, “Participatory Approach to Environmental Conservation of the Muringato Catchment Area for Sustainable Management and Enhanced Ecosystem Health”. The overall project objective is to incorporate a participatory approach to environmental conservation of the Muringato sub-catchment area in central Kenya, for its sustainable management and enhanced ecosystem health.

1. Doctoral Research Assistant

Qualifications

- The successful candidate must be a holder of Master of Science Degree in Geospatial Information Systems and Remote Sensing or its equivalent of DeKUT or a holder of at least a Master’s degree in a relevant field, from DeKUT or any other institution recognized by the University Senate as being of equivalent academic status.
- The candidate must have demonstrable experience in hydrological modelling, processing of bulk remote sensing data. Experience in working with a distributed biosphere hydrological model will be an added advantage.
- The candidate must demonstrate competencies in the following programming languages: Python, Fortran, C++ and Java Script. Experience working with Google Earth Engine will be an added advantage.



Job description

- The successful candidate will be considered for a full scholarship covering tuition fees and stipend to pursue a Doctor of Philosophy Degree in Geomatics and Geospatial Information Science at Dedan Kimathi University of Technology.
- The candidate will be expected to study for 70% and work for 30% at the Institute of Geomatics, GIS and Remote Sensing.
- The candidate will undertake research within the confines of the overall research project. He/she will work under the supervision of the Project Lead and any other supervisor(s) assigned by the University.
- the candidate will coordinate the collection and analysis of field derived data and prepare presentations, reports and summaries of specific areas of the project and/or the overall project.
- The candidate may be called upon to make or supervise preparation of training materials on research aspects for the local communities and other audiences.

2. Graduate assistant(s)

Qualifications

- Successful candidates must be a holder of first-class honors or second class honors upper division Bachelor of Science Degree in Geomatics & Geospatial Information System, Geospatial Information Systems and Remote Sensing or its equivalent of DeKUT or a holder of at least a bachelor's degree in a relevant field, from DeKUT or any other institution recognized by the University Senate as being of equivalent academic status.
- The candidates must have demonstrable experience in GIS programming and spatial tools development. competencies in the following programming languages: Python, Fortran, C++ and Java script. Experience working with Google Earth Engine will be an added advantage.



Job description

- The successful candidate will be considered for a full scholarship covering tuition fees and stipend to pursue a Master of Science Degree in Geospatial Information Science & Remote Sensing at Dedan Kimathi University of Technology.
- The candidate will be expected to study for 70% and work for 30% at the Institute of Geomatics, GIS and Remote Sensing.
- The candidate will undertake research in line with the overall research project. He/she will work under the leadership of the Doctoral Research Assistant, but will be assigned supervisor(s) by the University.
- The candidate will collect and analyse field derived data; prepare presentations, reports and summaries of specific areas of the project and/or the overall project.
- The candidate may be called upon to make training materials on research aspects for the local communities and other audiences. He/She may be called upon to train these groups of audiences on the research products and tools.

How to Apply

1. All applications should be done on <https://recruitment.dkut.ac.ke, or hr@dkut.ac.ke>. Hard copies will not be accepted.
2. Each application shall be accompanied by detailed curriculum vitae, copies of academic and professional certificates, national identity card or passport, testimonies, and other relevant supporting documents.

Deadline: Applications must be received on or before **11th January, 2021 by 5. 00 P.M**

To note:

1. *Successful candidates for the position of an intern will be remunerated in accordance with the internship policy.*
2. *Dedan Kimathi University of Technology is an equal opportunity employer. Applicants of either gender, any ethnicity, persons with disabilities and those from marginalized areas are encouraged to apply*
3. *Only shortlisted candidates will be contacted*