DEDAN KIMATHI UNIVERSITY OF TECHNOLOGY

CENTRE FOR SPATIAL INFORMATION SCIENCE AND SYSTEMS (CSISS)

OUR VISION & MISSION

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."

GRADUATE ASSISTANT POSITION IN THE UNIVERSITY

Dedan Kimathi University of Technology (DeKUT) in collaboration with the Kenya Space Agency (KSA) are seeking a highly motivated candidate for the graduate assistant position to implement project Centinela, a satellite-based ecosystem monitoring and conservation mapping project.

Project Centinela aims to enhance conservation planning using high-resolution satellite imagery from Planet Labs to monitor forest ecosystems with particular focus on conserving bongo habitats across key ecosystems in Kenya, including Mount Kenya, the Aberdare Ranges, and Kakamega Forest. It is a collaboration between KSA, the Planet Labs and Mount Kenya Wildlife Conservancy (MKWC). The overall project objective is to develop innovative tools and methodologies for environmental and conservation monitoring. Successful candidate will be affiliated to the Centre for Spatial Information Science and Systems (CSISS) as Graduate Assistant where they will also conduct research as part of their duties.

GRADUATE ASSISTANT: REF: DeKUT/RSRG/GA/2026

REQUIREMENTS

1. Must be a holder of first-class honours or second-class honours upper division Bachelor of Science Degree in Geomatics & Geospatial Inform n System or Bachelor of Science in Geospatial Information Systems and R te Sensing from DeKUT.
2. Must have demonstrable experience in GIS programming and spatial tools development with competencies in the following programming languages: Python, Java script, HTML/CSS, and SQL. Experience working with Typescript, Python Frameworks and Google Earth Engine (GEE) will be an added advantage.

RESPONSIBILITY

1. 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.
2. The candidate will be expected to dedicate 100% of their time towards the project research and implementation elements.
3. The candidate will undertake research in line with the overall research project. He/she will work under the leadership of the Head of the Remote Sensing Research Group (RSRG) at the University.
4. 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.
5. 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.
6. The candidate will be required to submit quarterly progress reports on the implementation and progress of the project.

HOW TO APPLY

1. All applications should be sent to rsrg@dkut.ac.ke and research@ksa.go.ke. Hard copies will not be accepted.
2. Each application shall be accompanied by a cover letter, detailed curriculum vitae, copies of academic and professional certificates and relevant transcripts, national identity card or passport, testimonies, Training and workshops certificate (more than 1 week) and other relevant supporting documents.

Deadline: Applications must be received on or before 18th October, 2026 by 5. 00 P.M

TO NOTE:

1. Successful candidates for the position of a Graduate Assistant will be remunerated in accordance with the Graduate Assistant 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.

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