



**DEDAN KIMATHI UNIVERSITY OF TECHNOLOGY**  
**PRIVATE BAG - 10143, DEDAN KIMATHI**  
**TELEPHONE: 061-2050000**

**Email: [vc@dkut.ac.ke](mailto:vc@dkut.ac.ke); Website: [www.dkut.ac.ke](http://www.dkut.ac.ke)**

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## **ADVERTISEMENT FOR PhD ELECTRICAL ENGINEERING SCHOLARSHIPS IN THE UNIVERSITY**

### **INSTITUTION PROFILE.**

Dedan Kimathi University of Technology (DeKUT) is a rapidly growing institution situated along the Nyeri-Nyahururu road in Nyeri County. The University offers programmes at Diploma, Bachelors, Masters and PhD levels and is currently operating two campuses namely the Main Campus along the Nyeri-Nyahururu road in Nyeri and Nairobi Campus at Pension Towers.

With support from the International Development Research Centre (IDRC) the University is seeking suitable candidates to apply for a scholarship to study for a PhD in Electrical Engineering with a focus on applications of artificial intelligence and machine learning to health, agriculture and environmental conservation. Successful candidates will be affiliated to the Centre for Data Science and Artificial Intelligence (DSAIL) as junior research fellows where they will also conduct research as part of their duties.

### **Requirements**

- i. A holder of at least a Second Class Honours (Upper Division) degree from DeKUT in Electrical and Electronic Engineering OR Telecommunication & Information Engineering OR
- ii. A holder of a Bachelor of Science in Electrical & Electronic Engineering OR Telecommunication & Information Engineering degree of at least Second Class Honours (Upper Division) from another institution recognized by the DeKUT Senate.
- iii. An MSc Degree in Electrical Engineering or Telecommunication Engineering from DeKUT or another institution recognized by the DeKUT Senate.
- iv. A track record of publication of research in peer reviewed journals and conference proceedings.
- v. The candidates must have an advanced understanding of mathematics and computer programming
- vi. The scholarship shall be for three years.

## Responsibility

In addition to their studies, the PhD student shall be expected to work for **20 hours per week** on average. Specific duties include;

- i. Development of methods applying AI in health, agriculture and environmental conservation
- ii. Conduct workshops and outreach on AI
- iii. Any other duty that may be assigned by a senior officer.

## How to Apply

1. All applications should be sent to [[dsail-recruitment@dkut.ac.ke](mailto:dsail-recruitment@dkut.ac.ke)] with the subject line PhD Position - [Last Name]-[First Name] **Hard copies will not be accepted.**
2. Each application shall be accompanied by a cover letter highlighting prior projects and publications in machine learning, data science or related field, detailed curriculum vitae with journal and conference papers highlighted, copies of academic and professional certificates and relevant transcripts, national identity card or passport, testimonials, a recommendation letter from your MSc Supervisor, and other relevant supporting documents.

**Deadline:** Applications must be received on or before **22<sup>nd</sup> November 2024 by 5. 00 P.M**

## To note:

1. *Tuition for the programme will be covered as part of the scholarship.*
2. *Successful candidates for the position of junior research fellow will be remunerated in accordance with the applicable policy.*
3. *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*
4. *Only shortlisted candidates will be contacted*

