

Call for Application for Admission 2023/2024 Academic Year: Doctor of Philosophy (PhD) in Electrical Engineering.

The Department of Electrical and Communications Engineering offers a graduate programme leading to the degree of Doctor of Philosophy (PhD) in Electrical Engineering with specialisation in the following areas:

- 1. Electrical Power Systems*
- 2. Telecommunication.*

The programme is done through coursework, examination, and thesis. This doctoral programme is intended to create scholarship, research, and development capability in a specialised area of Electrical Engineering. The programme captures recent developments in innovative research and aims to produce skilled specialists. A graduate of this program should be able to utilise the acquired knowledge and practical skills to pursue successful professional and leadership careers in the industry as well as in research, innovation, development, and teaching. Through coursework and research, the student learns the principles of Electrical Engineering theory and practice. In the first semester, a student shall take common courses and core courses relevant to each area of specialisation. In the second semester, a student shall pursue two elective courses in the respective area of interest in addition to the common and core courses. In addition to classroom work in the first year, the Doctoral student will attend seminars and workshops presented by invited speakers from both academia and the industry. The programme is led by a programme leader assisted by thematic leaders for each of the programme options.

Admission Requirements

- a) To qualify for admission into the programme, a candidate shall normally be a holder of either of the following degrees:
 - i. A master's degree from Moi University in Electrical Engineering.
 - ii. A relevant master's degree of any other accredited University recognised by Kenyan Commission for University Education.
- b) In addition to a Master's degree, an applicant shall normally have a Bachelor's degree.

Specific Objectives of the Programme

The specific objectives of the programme are to enable learning about:

- Principles, policies, regulations, and ethics governing electrical engineering.
- Selection, design, installation, and maintenance of electrical systems.
- Advanced and innovative research methods relevant to the various sectors served by electrical engineering discipline.
- Policy formulation and dissemination in electrical engineering and related fields.

Eligible and interested candidates can apply online here (<https://admissions.mu.ac.ke/>) and attach all required documents. The applicants should request their referees to fill the referee forms that are accessible from here: https://www.mu.ac.ke/images/Students_downloads/referee.pdf and send them to the email address indicated below.

The programs are scheduled to start in September, 2023 at Eldoret town Campus. The duration of the program is 3 years. The duly filled post-graduate application forms should be emailed to the following contact to be received not later than 31st July 2023.

Dean, School of Engineering,

Moi University, Eldoret,

P.O BOX 3900-30100.

Email: deanengineering@mu.ac.ke Copy to: electrical@mu.ac.ke