



MULTIMEDIA UNIVERSITY OF KENYA
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(MMU is ISO 9001:2015 Certified)

20th December, 2023

EXTERNAL VACANCY ADVERTISEMENT

Multimedia University of Kenya is a chartered public University located in the city of Nairobi within a serene environment about 25 kilometers to the south of the City along Magadi Road. The University is inviting applications from suitably qualified persons for the following positions at the various departments of the University:

1. **Lecturer Grade MAC 12 – National Institute for Optics and Lasers (1 Position)**
2. **Technologist II MNT 8- National Institute for Optics and Lasers- Contract (1 Position)**

1. LECTURER, GRADE MAC 12

(a) Duties and Responsibilities

Duties and responsibilities at this level will entail:-

1. Management of students and learning facilities for effective content delivery.
2. Supervise examination process.
3. Ensure Supervision of research projects.
4. Ensure implementation of innovations.
5. Ensure performance measures are applied appropriately to monitor student progress.
6. Prepare teaching/learning materials and course outlines.
7. Prepare teaching and examination timetables.
8. Teach units/courses in one's subject area in accordance with the syllabus.
9. Supervise research projects.
10. Setting Assignments/CATs/Examinations.
11. Supervise examinations.
12. Moderate examination drafts and results.

13. Mark Reports/Assignments/CATs/Examinations.
14. Compile marks with the intention of grading the students.
15. Assess project reports.
16. Offer tutorials to undergraduate students.
17. Participate in moderation of examination drafts and results.
18. Supervise students' industrial attachment.
19. Participate in development, review and evaluation of curricula.
20. Carry out research work under guidance of a faculty supervisor.
21. Organize industrial and academic field trips.
22. Inspire students to innovate.
23. Attend defense meeting in order to evaluate the quality of work done and critique.
24. Advise students on career and academic advancement.
25. Mentor Students.
26. Prepare and publish papers to form basis for further knowledge.
27. Attend conferences in order to share and disseminate knowledge, establish linkages, networks for collaborations and to update oneself and keep abreast with latest trends.
28. Write books as sources of reference materials.
29. Conduct practical in laboratories, workshops, studios and outdoor to complement theory work.
30. Conduct community outreach in identified areas of expertise.
31. Serve in various University committees on appointment.
32. Peer review process to raise each other's' standards.
33. Participate in departmental meetings to facilitate smooth running of the departments.
34. Participate in the budgeting process to guide the expenditure and effective use of resources.
35. Develop proposals to attract research funds/grants.
36. Participate in the development of University policies and strategies.
37. Participate in thesis examination panel.
38. Collaborate with industry and universities on research liaison and academic matters.
39. Guide in registration of new innovations and inventions for the benefit of the University.
40. Organizing conferences to disseminate information to the community.
41. Carry out consultancy services to improve professionalism and generate income for the University.
42. Organizing training workshops to build competence and skills.

(b) Requirements for Appointment

For appointment to this grade, a candidate must have:-

1. Served in the grade of Tutorial/Junior Research Fellow or in a comparable position for a minimum period of three (3) years.
2. PhD in optics/photonics or equivalent degree qualification (*or a Master's degree qualification in special cases*) in the relevant area from recognized/accredited university.
3. A minimum of 24 publication points, of which sixteen (16) should be from refereed journal papers.
4. Been registered by the relevant Professional Body (*where applicable*).
5. Certificate in Computer Applications from a recognized institution.
6. Demonstrated merit and ability as reflected in work performance and results.

2. TECHNOLOGIST, GRADE MNT 8

a) Duties and Responsibilities

- (i) Conduct undergraduate practical assessment and demonstrations to ensure objectives are met in the assessment
- (ii) Guide students during practical sessions in laboratories/workshops/studios
- (iii) Calibrate equipment as per schedule
- (iv) Prepare equipment inspection schedules, reliability schedules and work plans
- (v) Inspect and test machines, equipment, components, materials, or products to determine characteristics such as performance, strength, or response to stress
- (vi) Design structures for learning purposes
- (vii) Interpret sketches, specifications and drawings
- (viii) Provide technical support to lecturers, students and other employees regarding design, fabrication, testing, or documentation.
- (ix) Maintain equipment as per the maintenance schedule
- (x) Conduct failure analysis, document results, and recommend corrective actions.
- (xi) Prepare specifications, designs, or sketches for machines, components, or systems related to the practical
- (xii) Implement the standard operating procedures of safety in laboratories/workshops/studios.
- (xiii) Generate reports on the optimum use of on laboratories/workshops/studios

(a) Requirements for Appointment

For appointment to this grade, an officer must have:

- (i) Entry Grade.

- (ii) Bachelor's Degree in optics and lasers or equivalent qualification from a recognized Institution.
- (iii) Certificate in computer applications from a recognized institution.
- (iv) Demonstrated professional and administrative ability required for efficient performance of duties at this level.

TERMS AND CONDITIONS:

The above positions carry remuneration packages which include among others, basic salary, medical cover, house, transport and leave allowances.

APPLICATION PROCEDURE

Interested applicants should submit ten (10) copies of their applications with detailed curriculum vitae, e-mail address, telephone contacts, postal address, current post, copy of current pay slip, verified copies of academic, professional certificates and testimonials. They should provide clearance certificates from the following organizations.

1. **HELB**
2. **EACC**
3. **Kenya Revenue Authority**
4. **Certificate of Good Conduct.**
5. They should also provide three (3) referees who are knowledgeable about their competence and areas of specialization, one of who must be a recent/last employer. The referees should submit their confidential reports in sealed envelopes clearly marked with specific reference number, to the address below.
6. Applicants should fill the summary sheet attached in MS Word and send it to the following address: *dvc_fa@mmu.ac.ke*
7. Only shortlisted candidates will be contacted.

NOTE

- (i) MMU is an equal opportunity employer thus, women, persons with disability and minority groups are encouraged to apply.

- (ii) Applications quoting the respective reference numbers on the envelope, should reach the undersigned on or before **Wednesday 10th January 2024** at 5 p.m.


AMB. PROF. FESTUS KABERIA, PhD., OGW
VICE CHANCELLOR
