



MksU



CONNECT

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Table Of Contents

Meet the editorial team	03
<hr/>	
8th Innovation Week Showcases Excellence	04
<hr/>	
MksU's Researcher Advancing Science	05
<hr/>	
MksU Dominates NaSoKUSF Finals	06
<hr/>	
Drama & Film Team Qualifies For Nationals	07
<hr/>	
Advancing Technical Education at MksU	08
<hr/>	
Upcoming Events	09
<hr/>	
Happy Holidays	10
<hr/>	
Contact Us	11

Co-creating Sustainable Futures

Meet the Team



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Innovation Takes Center Stage at The 8th Exhibition Week



DVC ASA presenting an award During the closing ceremony



The adjudicators inspecting one of the projects

Creativity and ingenuity were on full display during the 8th Innovation and Exhibition Week held from 12th to 13th March 2026, bringing together students, staff, and external exhibitors in a vibrant showcase of groundbreaking ideas and transformative solutions.

The event was officially opened by Prof. Richard Kimiti, representing Vice-Chancellor Prof. Joyce J. Agalo, with captivating performances from the Students Choir setting an energetic tone for the exhibition.

The opening ceremony drew attendance from members of the University Management, including Prof. Peter Kibet (representing the Ag. DVC RIL), Prof. David Mulwa, Registrar RIL, and Prof. Charles Ombuki, Director of Research, Innovation, Technology and Transfer (RITT). The Chief Guest, Dr. Tonny Omwansa, CEO of the Kenya National Innovation Agency (KeNIA), was represented by Mr. Francis Okwara, who emphasized the role of innovation in driving sustainable development. Representatives from the Kenya Industrial Property Institute (KIPI) were also present. Over the two days, the exhibition featured more than 55 innovations and 10 exhibitions tackling real-world challenges. Participation from 10 institutions, including technical institutions and secondary schools, highlighted a growing culture of collaboration and innovation.

Notable projects such as Soudom, Biashara Smart, Swiftly Remit, Smart Patrol, Fanaka Agro Smart, and Scholarsphere showcased practical, solution-oriented ideas aimed at improving lives and advancing socio-economic development. The event concluded with an awards ceremony presided over by the Deputy Vice-Chancellor (Academic and Student Affairs), Prof. James Muola, recognizing outstanding innovations following evaluation by KeNIA and KIPI officials. The exhibition reaffirmed the University's commitment to fostering innovation, strengthening research capacity, and nurturing ideas into impactful solutions for the future.

Dr. Elizabeth Ndunda: Advancing Science Through Research and Innovation

Dr. Elizabeth Ndunda, a Senior Lecturer and researcher in the Department of Physical Sciences, School of Pure and Applied Sciences at Machakos University, where she doubles up as the chairperson of the Department, continues to make remarkable contributions to the field of science through impactful research and innovation. Her work is widely published in peer-reviewed journals and presented at both national and international conferences.

Dr. Ndunda's research focuses on developing advanced sensor technologies and novel analytical techniques to tackle the growing global challenge of environmental contamination.



Under the Future Leaders-African Independent Research (FLAIR) Fellowship, she successfully led a project on real-time detection of polychlorinated biphenyls using molecularly imprinted polymer-based sensors.

The project yielded four journal publications, the acquisition of key research equipment, the graduation of one MSc student, and strengthened research collaborations. Dr. Ndunda has also been instrumental in an international collaborative project aimed at developing molecularly imprinted polymers for water and soil pollution detection and purification

This initiative enhanced global research linkages, produced a peer-reviewed publication, and a seminar presentation at the University of Central Lancashire, UK, where she presented on molecularly imprinting technology.

Her ongoing research collaborations include a UNESCO-TWAS-supported research project focusing on developing novel nature-based modified materials to address fluoride and arsenic contamination in water. She is also involved in an ERASMUS+ mobility project aimed at building research capacity to address challenges associated with mining activities. Additionally, she is participating in an ERASMUS+ capacity-building initiative focusing on enhancing occupational health and safety education in Sub-Saharan Africa.

MksU Shines at NaSoKUSF Conference League Finals



Machakos University (MksU) teams participated in the Nairobi South Kenya Universities Sports Federation (NaSoKUSF) Conference League games held at the University of Nairobi Main and Lower Kabete Campuses on 14th and 15th March 2026.

The tournament marked the final meet of the 2025/2026 league season and brought together 17 universities in a highly competitive showcase of talent.

Notable Results

- MksU Men's Football defeated Cooperative University (3–1) and Multimedia University (3–1).
- Women's Handball delivered an outstanding win against Cooperative University (32–4).
- Men's Handball secured a strong victory over CUEA (24–16).

The handball team before hitting the ground

Key Highlights

- Handball (Men & Women): Both teams emerged champions, securing 1st position in their categories.
- Football (Men): Finished as 1st runners-up after a strong performance.
- Football (Women): Ranked 4th overall.



Eligibility Officer presenting a trophy to the MksU Handball Captain (Winnie)

University Team Qualifies for National Drama & Film Festivals

The Machakos University Travelling Theatre Club, under the leadership of the Patron, Dr. Vifu Makoti, delivered an outstanding performance at the Kenya National Drama and Film Festivals Regional Level, held at Lukenya University from 11th to 14th March 2026.



From left: Derrick Mwangongo, Dr. Vifu Makoti, Levis Ondieki, Jamal Mwaura, Paul Kamau

“

The team achieved:

Screen Verse – 1st Position

Spoken Word – 2nd Position

Mime – 2nd Position + Adjudicators' Award

Solo Verse – 4th Position

Film Category:

Music Video – 1st Position

Screen Verse – 1st Position

Documentary – 3rd Position



Notably, Joan Karanja was crowned Best Actress, while Levis Ondieki received the Best Actor award. All the above items qualified for the National Level, marking a remarkable achievement for the club and the University.

Transforming Technical Education at Machakos University



Machakos University today hosted representatives from M-Pesa Foundation and Pleng Limited for a consultative meeting on the proposed construction of a Smart TVET building at Machakos University.

The initiative aims to enhance the university's infrastructure to accommodate more students and strengthen its capacity for technical and vocational education and training. The planned facility will feature three floors, comprising multiple lecture halls, administrative offices, and staff break rooms, designed to support both academic and operational needs.

Construction of the Smart TVET building is expected to take approximately 12 months upon commencement.



Upcoming Events



Machakos University Final Year Students Career Day

THEME: Beyond Graduation: Transitioning to Excellence in Employment, Entrepreneurship, and Impact in a Competitive World.

DATE: 27-03-2026

VENUE: Amphitheatre

SPEAKER: Vice Chancellor.

Fashion and Cultural week

DATE : 31st March to 1st April

VENUE : Amphitheatre and ADB



Fashion Week



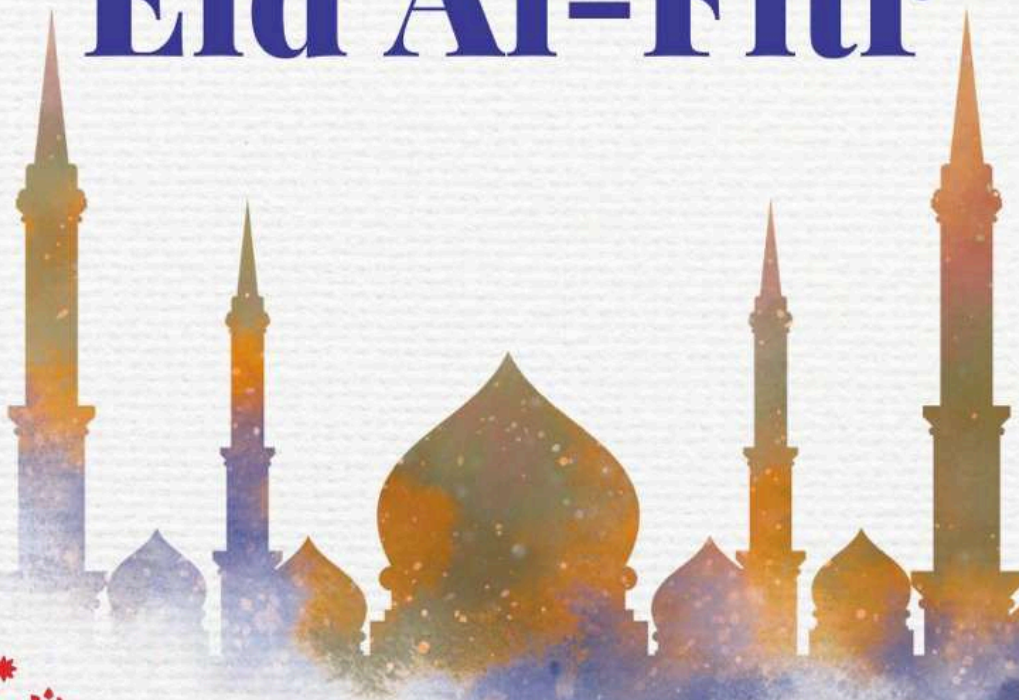
TRAVEL MAGAZINE

MACHAKOS UNIVERSITY

*Wishes our Muslim
Brothers and Sisters*

HAPPY

Eid Al-Fitr



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