



**UNIVERSITY OF EMBU**

# **TECHNO INNOVATION WEEK EXHIBITION**

**THEME**

**Tech-Driven Education:  
Bridging The Gap**

**PROGRAMME**

 **10<sup>th</sup> – 11<sup>th</sup> December, 2024**

 **University of Embu**



## BACKGROUND

The University of Embu (UoEm) is one of the fastest-growing public university in Kenya. Chartered on 7<sup>th</sup> October 2016, the University has a student population of over 14,000. The University was established in June 2011 as a Constituent College of the University of Nairobi, then known as Embu University College (EUC). It was the successor to the former Embu Agricultural Staff Training (EAST) College whose mandate was to develop and implement short management and technical courses, as well as offer research and consultancy services to enhance performance in the agricultural sector.

Since its establishment and award of Charter, the University has continued to excel in many fields. It is ranked as the Best Performing State Corporation and Public University in the Performance Contract evaluations. Recently, in November 2024, UoEm was named the overall winner of the Kenya Quality Awards 2024-2025, in the category of Quality Service Provision of the Year, Large Firms Category. This award celebrates the University's exceptional achievements in quality management, highlighting its commitment to excellence in delivering top-tier services in the higher education sector as well as the commitment to maintaining and sustaining high standards in all its operations.

## THE TECHNO INNOVATION WEEK (TIW) EXHIBITION

In 2023, the University of Embu hosted the first Trade Exhibition where businesses, professionals, and organizations came together to showcase their products, services, and innovations. The year, 2024, the exhibition will focus on technology and Innovation as the main areas of display and engagement. The event is named the Techno-Innovation Week (TIW) Exhibition. The Exhibition, will be held on 10<sup>th</sup> and 11<sup>th</sup> December 2024 at the University of Embu grounds in Embu County. The theme of the Techno-Innovation Week is "Tech-Driven Education: Bridging the Gap".

Research, innovation and commercialization are interconnected stages in the lifecycle of a new technology or research outcomes. They play a critical role in ensuring that research advancements transform into viable, market-ready products or services that can drive economic value, meet societal needs, and create long-term impact in communities. This exhibition is therefore an important event for educationists, researchers, innovators, entrepreneurs, industry leaders, and government representatives from across the different economic sectors. It will feature interactive displays, keynote presentations, and panel discussions on a range of topics, including AI, sustainability, digital economy, among others. Participants will get a chance to sample the state-of-the-art available technologies and products available in the market.

### The main objectives of the Techno-Innovation Week Exhibition are to:

1. Bring together innovative minds, leading technology companies, as well as cutting-edge technologies under one roof.
2. Showcase the latest techno-innovations in the market, especially for the education sector and other sectors.
3. To provide an avenue for engagement between regulators and technology solutions providers for purposes of informing policy and other sector reforms.
4. To provide Universities and other tertiary institutions an avenue for establishment of collaborations and linkages with industry players.



# DAY 1: Tuesday, 10<sup>th</sup> December, 2024

Time	Activity	Proposed Facilitator	Moderator
08.00 hrs - 09.00 hrs	Arrival and Registration	Secretariat	Program Managers <b>Mr. Julius Maore</b> <b>Dr. Peter Rugano</b>
	● Entertainment	<b>Mr. Elijah Otieno</b>	
	● Guest of Honour arrival and courtesy Call	Registrar, VC's Office	
	● Arrival of Chief Guest and Tour of Exhibition Stands	• Vice-Chancellor • Coordinator, TIW • Head of ICT	
09.00 hrs - 09.20 hrs	● Guests Seated at the auditorium	Head of Protocol	
09.20 hrs - 09.30 hrs	● National and East Africa Anthem ● Opening Prayer	<b>Fr. Joseph Kirimi</b>	
09.30 hrs - 09.40 hrs	● Invitation of Vice-Chancellor	<b>Prof. Kiplagat Kotut, PhD,</b> DVC (ARE), UoEm	
09.40 hrs - 09.55 hrs	● Welcome Remarks & Acknowledgement of Guests ● VC's Speech	<b>Prof. Daniel Mugendi, PhD, EBS</b> Vice-Chancellor, University of Embu	<b>Prof. Kiplagat Kotut, PhD,</b> DVC (ARE), UoEm  Rapporteur <b>Mr. Richard Muthakia</b>
09.55 hrs - 10.30 hrs	● Official Opening	<b>Hon. Dr. Beatrice Muganda Inyangala, PhD,</b> PS, State Department for Higher Education and Research, Ministry of Education	<b>Prof. Daniel Mugendi, PhD, EBS</b> Vice-Chancellor, University of Embu  Rapporteur <b>Mr. Richard Muthakia</b>
<b>10.30 hrs - 11.00 hrs HEALTH BREAK</b>			
11.00 hrs - 11.25 hrs	<b>Policy Framework on Research Commercialization</b>	<b>Dr. Tonny K. Omwansa,</b> CEO - KeNIA	<b>Prof. Eucharika Kenya, PhD,</b> DVC (PAF), UoEm
11.25 hrs - 11.50 hrs	<b>Provision of Learning Management System in Education</b>	<b>Mr. Motsei Mothoagae</b> CEO - OneConnect	Rapporteur <b>Ms Anne Waruita</b>
11.50 hrs - 12.15 hrs	<b>Broader Bandwidth to Enhance Teaching and Research</b>	KENET	
12.15 hrs - 13.00 hrs	<b>Panel Discussion:</b> Funding Research and Innovation available innovations	<b>Prof Dickson Andala</b> CEO - NRF <b>Ms. Mary Wachira</b> CEO - HELB <b>Mr. Geoffrey Monari</b> CEO - UFB	<b>Prof. Jackson Wachira, PhD,</b> Registrar (ARE), UoEm
<b>13.00 hrs - 14.00 hrs HEALTH BREAK</b>			



# DAY 1: Tuesday, 10<sup>th</sup> December, 2024

Time	Activity	Proposed Facilitator	Moderator
14.00 hrs - 14.25 hrs	Open University -armed Harnessing Technology for Enhanced Access to Education	<b>Prof. Elijah I. Omwenga,</b> <i>Vice-Chancellor, Open University of Kenya</i>	<b>Dr. David Mugo,</b> <i>CoD (CIT), UoEm</i>
14.25 hrs - 14.50 hrs	Safeguarding Education and Research Data in Cyber Space	<b>Mr. Ben Obinju,</b> <i>CEO- Kristel Africa</i>	<i>Rapporteur</i> <i>Ms Eva Cigua</i>
14.50 hrs - 15.35 hrs	<b>Panel Discussion: Emerging issues on innovations</b>		<b>Dr. Marilyn Ronoh &amp; Mr Maurice Murimi</b>
	<ul style="list-style-type: none"> <li>E-learning Education - USIU Practical Experiences</li> </ul>	<b>Prof. Mwenda Ntarangwi</b> <i>Vice-Chancellor, USIU</i>	<i>Rapporteur</i> <b>Mr. Abel Nyangem</b>
	<ul style="list-style-type: none"> <li>ERP Solutions to promote Paperless Operations</li> </ul>	<b>Mr. Simon Okoth,</b> <i>CEO - Appkings</i>	
	<ul style="list-style-type: none"> <li>Smart Gadgets to Facilitate Remote Learning</li> </ul>	<b>Mr Farad Khimji</b> <i>Lenovo Infrastructure Solutions Group GM, WECA</i>	
15.35 hrs - 16.00 hrs	<b>Q&amp;A</b>		
16.00 hrs - 16.30 hrs	<b>HEALTH BREAK</b>		
<b>END OF DAY 1 PROGRAMME</b>			
16.30 hrs - 19.00 hrs	<ul style="list-style-type: none"> <li>Visit exhibitions</li> <li>B 2 B</li> </ul>		



# DAY 2: Wednesday, 11<sup>th</sup> December, 2024

Time	Activity	Proposed Facilitator	Moderator
08.00 hrs - 09.00 hrs	Arrival & Registration	Secretariat	Program Manager <b>Mr. Julius Maore</b> <b>Dr. Peter Rugano</b>
	Entertainment	Head of Protocol	
	Guest of Honour tour of Exhibitions arrival and	<ul style="list-style-type: none"> <li>● Vice-Chancellor</li> <li>● Coordinator, TIW</li> <li>● Head of ICT</li> </ul>	
	<ul style="list-style-type: none"> <li>● Arrival of Chief Guest, and Tour of Exhibition Stands</li> </ul>		
09:00 hrs - 09:10 hrs	<b>Prayer</b>	<b>Rev. Dr. Mary Nkari</b>	
09:10 hrs - 09:20 hrs	<ul style="list-style-type: none"> <li>● Introduction of Guests</li> <li>● Welcome Remarks</li> </ul>	<b>Prof. Daniel Mugendi, PhD, EBS</b> <i>Vice-Chancellor, University of Embu</i>	<b>Prof. Kiplagat Kotut, PhD, DVC (ARE), UoEm</b>  <i>Rapporteur</i> <b>Ms Irene Mwangi</b>
09:20 hrs - 09:50 hrs	Guest of Honour: <b>Strengthening Policy and Regulatory Framework to Enhance Techno Innovation in Digital Space</b>	<b>Hon. Dr. Margaret Nyambura Ndung'u, PhD</b> <i>CS, Information Communications &amp; the Digital Economy</i>	
09:50 hrs - 10:00 hrs	<b>Q &amp; A</b>		
<b>10.00 hrs - 10.20 hrs HEALTH BREAK</b>			
10.20 hrs - 10.45 hrs	<b>The Future of Education in a Rapidly Changing Technological Era</b>	<b>Prof. Mike Kuria, CEO - CUE</b>	<b>Prof. Eucharia Kenya, PhD, DVC (PAF), UoEm</b>
11.45 hrs - 11.00 hrs	<b>Data Storage Equipment to Support Education and Research</b>	<b>Mr. Samuel Cheng</b> <i>Managing Director, Enterprise Business Group, Huawei Technologies (Kenya) Company Limited</i>	<i>Rapporteur</i> <b>Ms Hilda Mbugua</b>



## DAY 2: Wednesday, 11<sup>th</sup> December, 2024

Time	Activity	Proposed Facilitator	Moderator
11.00 hrs - 11.20 hrs	<b>Speed Gates &amp; Turnstiles technologies in Education and Research</b>	<b>Peter Yang</b> <i>CEO - HIK Vision Kenya</i>	<b>Dr. David Mugo,</b> <i>CoD (ARE), UoEm</i>  <i>Rapporteur</i> <b>Eliud Kibet</b>
11.20 hrs - 11.40 hrs	<b>Using technology to strengthening CBC pedagogy in Universities</b>	<b>Prof. Teresiah Kyalo,</b> <i>Market Place Simulations</i>	
11.40 hrs -12.00 hrs	<b>PRESENTATION: Strengthening Data and Information Transmission to Education and Research</b>	<b>Mr. Lucas John Omollo,</b> <b>HSC,</b>	<b>Mr Maurice Murimi,</b> <i>ICT - Director</i>  <b>Ms. Ann Waruita</b>
12.00 hrs - 12.20 hrs	<b>Regulatory Sandboxes as Safe Spaces for Innovation: Insights from the CA Regulatory Sandbox</b>	<b>Mr. David Mugonyi,</b> <i>CAK</i>	<b>Dr. Consolata Gakii</b>  <i>Rapporteur</i> <b>Ms. Risper Wambui</b>
12.20 hrs - 12.45 hrs	<b>Dedan Kimathi Science Technology Parks - Promoting industrialization through Science and Collaborations</b>	<b>Prof. Kioni Ndirangu,</b> <i>Lead Origin Lab EA-UNECA and Head of Research-Innovation and Entrepreneurship Education (RIEEED) Office</i>	
12.45 hrs - 13.00 hrs	<ul style="list-style-type: none"> <li>● Acknowledgement of Sponsors</li> <li>● Closing Ceremony</li> </ul>	<b>Prof. Daniel Mugendi, PhD, EBS</b> <i>Vice-Chancellor, University of Embu</i>	<b>Master of Ceremony</b>  <b>Head of ICT</b>
<b>13.00 hrs - 14.00 hrs</b>	<b>HEALTH BREAK</b>		
<b>END OF PROGRAMME</b>			







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**Techno Innovation Week(TIW)**  
**EXHIBITION 2024**

## Our objectives

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**FOR MORE DETAILS**



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**tiw.embuni.ac.ke**



**www.embuni.ac.ke**

