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THE NEWS

IVE - Kenyatta University



Kenyatta University (KU) is advancing healthcare innovation through a partnership with Rice360 and funding from The Lemelson Foundation. The Invention Education (IvE) program enables students and faculty to develop impactful healthcare solutions by collaborating with universities, industries, and non-profits.

A foundational project in Kenya explored how universities can better engage in the national innovation ecosystem. Key priorities identified include curriculum reform to align with local challenges and industry needs, emphasizing practical learning and entrepreneurship.

Additionally, strengthening partnerships within the innovation ecosystem is crucial for facilitating human-centered innovation transfer. To achieve this, KU will establish hands-on learning infrastructure, adopt active learning methods, and implement cross-institutional collaboration strategies. These steps will enhance university engagement and drive meaningful healthcare innovations.

BY DR. JUNE MADETE



A HANDS-ON, PROJECT BASED APPROACH

Our program emphasizes team-based, project-driven learning, where students tackle real healthcare challenges under clinical and industrial mentors.

The Centre for Design, Innovation and Engineering (CDIE) is well equipped with prototyping equipment ranging from 3D printers and digital oscilloscopes to welding stations and computers with Computer Aided Design software. This ensures they graduate with both theoretical knowledge and hands-on experience in designing, developing, and implementing medical technologies. By merging global insights with local needs, we are shaping the next generation of biomedical innovators and employees poised to transform healthcare in Africa and beyond.

BY STACY AWINJA

EMBEDDING ENTREPRENEURSHIP AND INDUSTRY LINKAGES

The program integrates entrepreneurship and invention education, equipping students with skills in intellectual property, business models, and venture funding to bring innovations to market. Co-designed with hospitals, manufacturers, and regulators, it ensures real-world relevance through mentorship, industry seminars, and needs-finding exercises. This strong industry connection bridges academia and market demands, preparing graduates to develop impactful medical technologies.





Let's Connect

This newsletter highlights our progress, from launching the Medical Device Innovation program to strengthening industry collaboration.

Join us in shaping the future—follow us on social media and be part of the journey!



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