Enabling Innovation in University with Industry Collaboration

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Kampala, Uganda October 2019
The current situation

Universities keen for industrial cooperation to work together in research and innovation

Industries with needs that could be met through research and innovation

We need to find each other but how?
Perception

“Many of our local industries have a notion that when Universities claim to be able to provide solutions for their needs they have out of the shelf solution available”
Perception

• “Many of researchers and innovators think they should involve the industries when the product is ready for use”
Business Development Experts

• “Many innovators spend more time and effort on improving the product than on meeting the needs of the customer”

Question to Academicians

• Can we focus on meeting customers needs and still be able to publish in good scientific journals?
What matters to industries?

• Type of research whether basic, applied or advanced development is not important.

• What is important is that the projects address tangible **NEEDS** for the industry.
University vs Industry

• Collaboration between universities and industries is critical:
  – skills development (education and training)
  – the generation, acquisition, and adoption of knowledge (innovation and technology transfer)
  – the promotion of entrepreneurship (start-ups and spin-offs)
The Opportunity

• Centre of Excellence for ICT in East Africa (CENIT@EA)
Field of Intervaction

CENIT@EA seeks to provide an excellency-driven engagement-focused platform for integrated research on embedded and mobile systems. CENIT@EA builds on the following three pillars and respective outcomes:

- Establishment of a need-driven postgraduate Master’s Science programme in “Embedded and Mobile Systems (EMoS)”
- Fostering regional networking and linkage between the private sector and academia
- Preparation of tailor-made programs for ICT Professionals
Cooperation
Key Collaboration areas

C: Curriculum development, Joint research, Student internship, and Knowledge exchange initiatives
GIAC Model

Multi-stakeholder collaboration model
Beneficiary

• The overall beneficiary of this collaboration will be the citizens of EAC who will access state of the art training services in Embedded and Mobile Systems

• Access to potential spillover innovations as a result of improved training and development in embedded and mobile systems in the region
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