WHO WILL BE GOING TO UNIVERSITY IN 2030?

Presentation at WAHED Conference

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Structure of the Presentation

01   Overview and Introduction

02   Status and Issues of University Education in 2030

03   **What is needed?**

Conclusion

Overview and Introduction

- Education is becoming highly technology-aided today and the trend is not reversing by 2030.

- **Online education and Competence-based curricula will be real thing**. significant shift in learning - incorporate virtual reality and multiple perspectives (Paradigm shift).

- New platforms will give learners an opportunity to learn how to negotiate issues & exchange ideas virtually (**if the ground is levelled**).

Cont.…

- By 2030, world learners may no longer need physical schools and 4-walled classrooms to get education. Homes, common rooms, compounds or dedicated community spaces, offices.

- Uganda: According to UCC, Uganda has 63.9% mobile penetration and the National Information Technology Survey found that at an individual level 70.9% individuals owned a mobile device, only 16 % owned a smartphone that can be used for e-learning. (NDPIII, Uganda Vision 2040, SDGs, NCHE, IUCEA, MCF, MOES, MOH) Emergency ODEL 2020

- **Over 15 millions school going children** not accessing education.

No physical classes, Then what about the Teacher?

- Probably no campuses as we know them today. Learning won't be limited to a physical school & the real world environment will be a new campus.
- City libraries/ laboratories and community central places will be expanded to help students for projects & practical courses.
- Students will certainly become closer to nature - a chance to spend more time out of the classroom **(key aspect**).
- Unlimited study space will make students more open to the world and learner centered.
- Teachers & Lecturers may be a shared for the common good!

Physical Infrastructure- What are the Issues then?

- Flexible seating and learning (Weak ICT, Network failure or unavailable, Connectivity, no power, etc)

- Solar energy enhancement (A rich energy source unexploited).

- Multiskilling of learners and multitasking

- **Agriculture vs Population for Africa** is the thing-food! food!

- ICT and Technology Transfer (**Vehicle to use**).

- Terrorism, political instability (Patriotism, Civic education, economic independence, systems in place,

Issues Cont...

- Harnessing Local Knowledge (role of Medicinal plants in nutrition and healthcare. Covid-19 case of steaming and home made remedies. **(NOT MUCH RESEARCH IN THIS-FUNDS??**

- **The green Pharmacy** -Rational Use and Recognition. (opportunities from Africa). **Essential Oils, natural foods, herbal nutria-medicines**)

- Vulnerable persons (women, girl-child, rural youths, refugees, disabled persons empowerment.   **Gender divide**

- Climate Change controls and mitigation (**shared space**)

What is needed?
Students Enhancement and Harnessing

- Partnerships, networking and MOUs (Local)
- Vaccination access
- Online jobs and jobs restructuring-
- Internships' and mind-set change, e.g.
- **Israel Agrostudies**
- **Trinity Western University (TWU) Programs running in Africa- skills transfer and capacity building avenues FAR Centre. RUFORUM**
- **Expedia Denmark, Norway, Sweden and global exposure connections**. "**DON'T GIVE US THE FISH, GIVE US THE HOOK!**"
- **Scholarships- target specific**
- Funding for research and networking.

- **Commercialization** & Market Access.
- **Incubation hubs & centres; Technology Transfer.**
- Harness IK for industrialization and value addition.
- Dignified employment for the youth & refugees- **Africans and Arab world issues- Poverty!**.
- Competence Based Assessment, Tailor-made trainings (Fit For Purpose- **FFP Model WB-UBTEB**,
- Assessment (blended learning SO IS EXAMS)
- Shared systems and Technologies

Students of 2030

- Students change constantly.
- Learning will come to students on demand in the form of cutting edge technology.
- An app for almost everything you can imagine! Augmented reality and Virtual reality AR/VR and mixed reality will immerse students in the learning resulting in deeper understanding of the content they study.

- This technology may allow students the opportunity to visit places all around the globe and experience sharing.
- Technology will be paired with remote-access robotics and AI/IoT,

Redefined duty of Teacher/Educators

- **"knowledge-givers", gradual to "facilitators or mentors" in the realm of pedagogy. (teach life skills)**

- In 2030, adaptive learning software will replace direct instruction.

- Adaptive learning software is computer software that uses Artificial intelligence (AI)

- Teacher a motivator, coach, curriculum designer and mentor

Teaching methodologies

A strategy of blended learning, combination of eLearning tools and face-to-face learning to reap the benefits of both worlds.

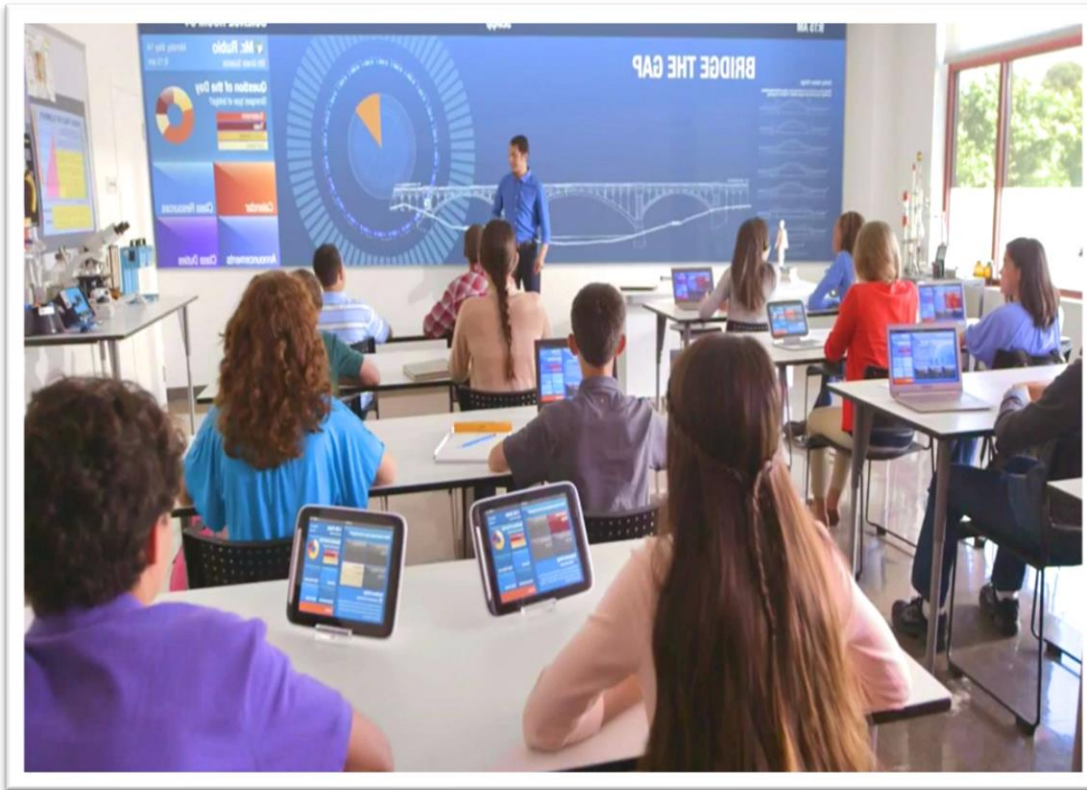**Homework vs tests submission (TAKE home - NCHE approved)**

Demonstrations, designs, modeling,

Role play and implementation study modes.

Statistics has it that home educated graduates read more, understand politics better & are more involved in their community

Blended learning

- Many education institutions will adopt transformational learning which will place the student at the Centre of learning. The student will then be supported through their learning journey by both mentors and technology.
- This means schools will shift and heavily focus on skills acquisition as opposed to routine memorization and content "mastery."
- **School is going to be massively innovative in 2030.**
- **What do you think about these innovations?**

More online learning platforms

E-Learning solutions powered by smart technologies will ease out assessment-related tasks like evaluation, designing question papers, preparing grade sheets, and many more. This will save time and teachers will be able to concentrate on tasks like improvement in teaching quality, self-skill enhancement, and designing more innovative course material.

Benefits – Really?

- E-learning is much more affordable for people with limited budget

- Distant learning enables to mix study, work and family duties, and maintain the balance between them.

- Physical presence is not required, so learning becomes affordable in any corner of the world.

What to expect in 10 years?

- Imagine what changes can be envisaged in just less ten years;
- For instance between 2009 – 2019 , a cameramen and pilots lost their jobs because of drones.

- Meetings are online- cost cutting on travel, accommodation, **though miss physical interaction and bonding**, etc

In conclusion

As Socrates famously said, **"Education is the kindling of a flame, not the filling of a vessel."**

Through technology that allows us to create education that is tailored to the individual, universal in nature, and decentralized in structure, we may finally have found the means for ensuring that every student finds their path to success against all odds.

In all these God still has a place in shaping mankind path and the World!

Thank you for listening

Thank you WAHED for the opportunity, Audience for lister
Ladies and Gentlemen

Bishop Stuart University Team,   Our God Reigns

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