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Sharing Experiences

Implementing Open and Distance e-Learning in Uganda

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UiA Faculty of Engineering and Science

www.newvision.co.ug/news/1506443/-learning-ta

Friday, June 05, 2020 13:53 PM

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E-learning takes root in Uganda
By Website Added 29th August 2019 09:38 PM

Resty Mwogeza, a distance learning expert, says e-learning is here to stay.

E-learning facilitates learning without having to organise a single venue for everyone

DELP

Distance Education Leapfrogging Project

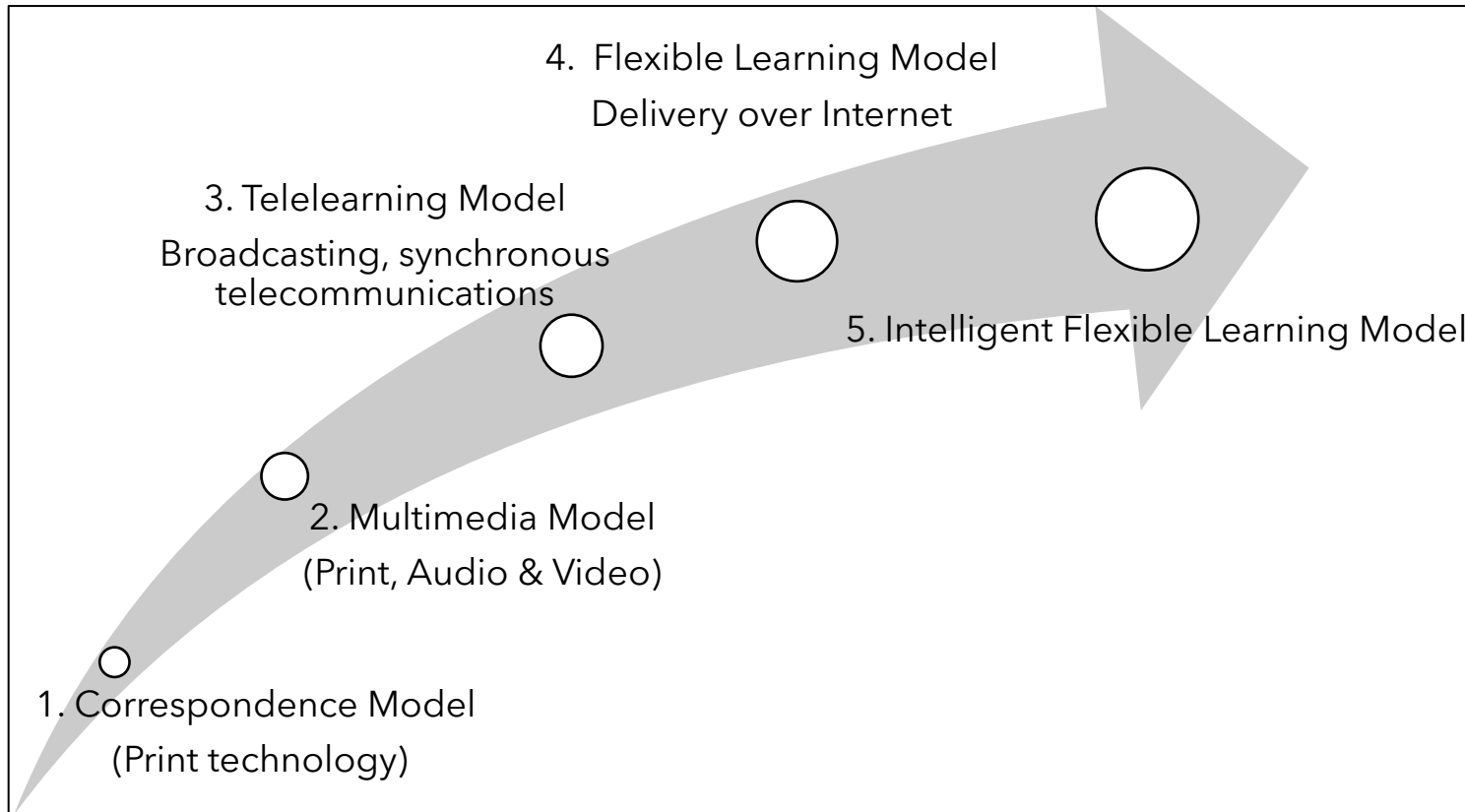

20 MNOK

2013 – 2020

BSc – MSc – PhD

Staff Training

Infrastructure Development

MAKERERE UNIVERSITY

www.newvision.co.ug/news/1428358/norwegian-embassy-invests-sh10b

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Home \ Education \ Norwegian Embassy invests sh10bn in Makerere's e-learning

Norwegian Embassy invests sh10bn in Makerere's e-learning

By Wilfred Sanya   Added 1st July 2016 10:58 PM

The five year project was initiated in 2013 by the Norwegian government to support the e-learning programs up to 2017.

The first group of trainers of e-learning display their certificates during their graduation at Makerere University. Photos/ Wilfred Sanya

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Leapfrogging Distance Education @ Mak : From 1ˢᵗ Gen to 4ᵗʰ & 5ᵗʰ Generation

4. Flexible Learning Model

Delivery over Internet

3. Telelearning Model

Broadcasting, synchronous telecommunications

5. Intelligent Flexible Learning Model

2. Multimedia Model

(Print, Audio & Video)

1. Correspondence Model

(Print technology)

(Aoki, 2012)

Aoki, K. (2012). Generations of distance education: Technologies, pedagogies, and organizations. *Procedia-Social and Behavioral Sciences*, *55*, 1183-1187.

2018

2013

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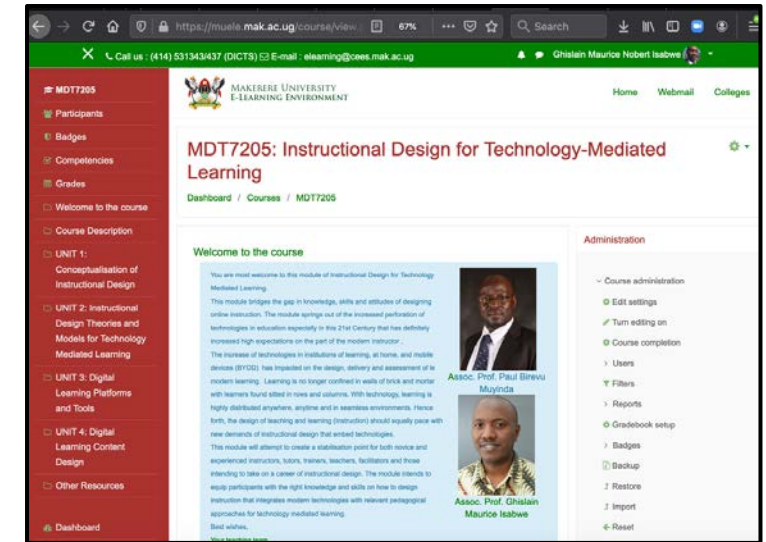
Implementing Open & Distance eLearning

- Staff Capacity Development
  - Focus on ePedagogy
    - Multimedia Supported Instructional Design
    - eTeaching
    - eTutoring
    - Online study guides
    - eLearning policy implementation

Implementing Open & Distance eLearning

- Staff Capacity Development
  - Increase ICT competence
    - Technology solutions
      - Communication & collaboration
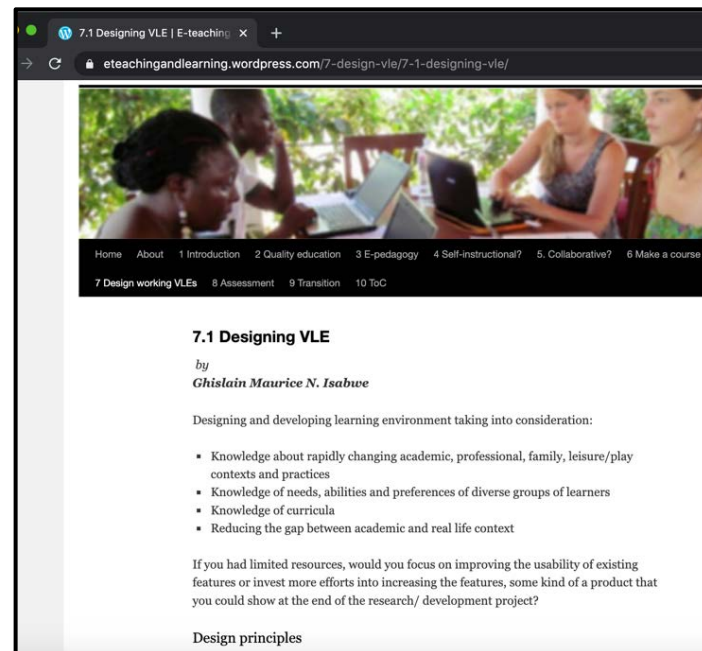   - Content creation
      - Netiquette
      - Privacy & Security

Implementing Open & Distance eLearning

- Infrastructure Development
  - Internet Access
    - Mobile? Fiber?
  - Energy solutions
    - Grid? Solar?
  - Server Infrastructure
    - Local? Cloud-based?
  - Student access devices
    - Smartphones? Computer Labs?

Implementing Open & Distance eLearning

- Co-creation of learning content resources

  - Flexible & responsive content:

    - Web, Mobile, Print

  - Shareable, lightweight, open multimedia content

Co-creation of Knowledge

Collaboration with local competence

South-South partnerships for capacity development
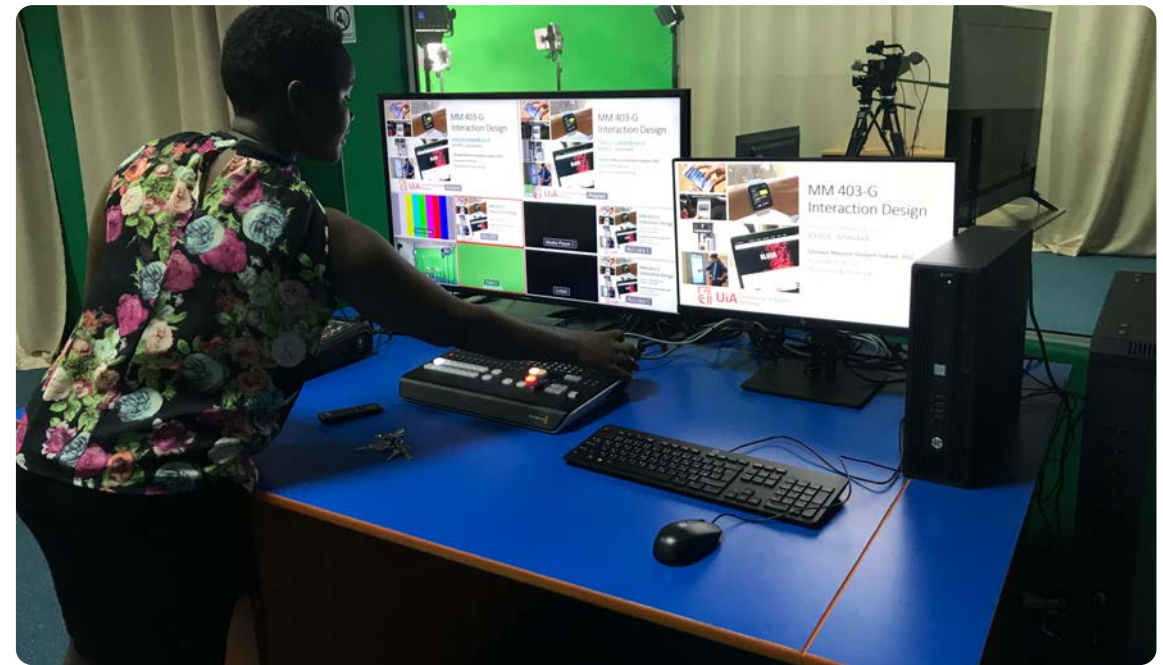
Open, Distance & eLearning: Dealing with Covid-19

- Presidential directives:
  - University closure: 20.03.2020
  - Institutions to adopt Distance Learning: 01.06.2020

- Makerere University plans:
  - Rapid prototyping for Blended Learning/ online delivery
  - Integrate synchronous distance education: **Zoom**
  - Upgrade the Learning Management System (LMS)
  - Provide affordable Laptops & Internet connectivity
  - Implement Emergence Remote Teaching (ERT)
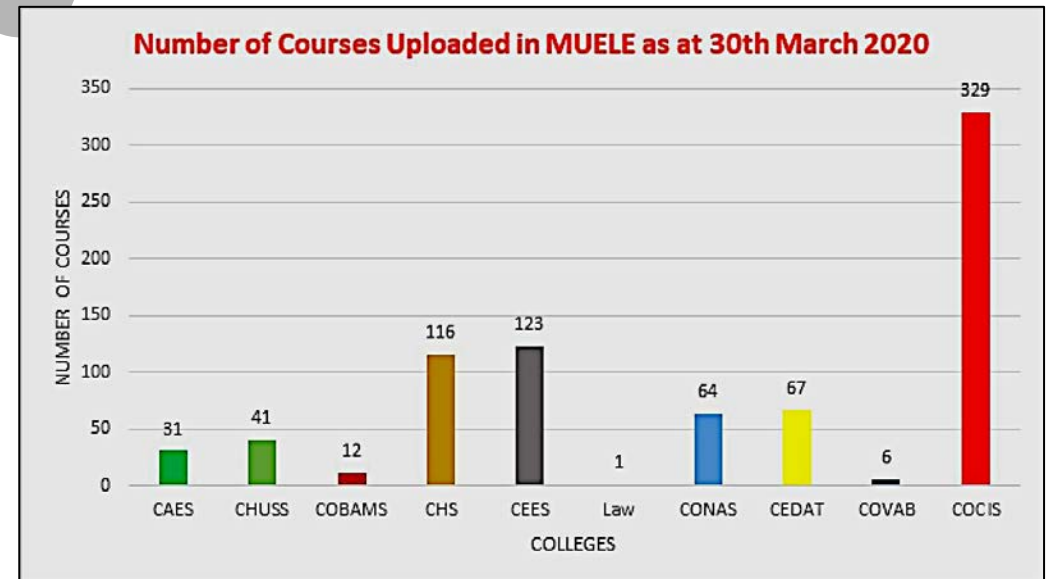

Number of Courses Uploaded in MUELE as at 30th March 2020

(Bar chart — NUMBER OF COURSES vs COLLEGES)

College	Number of Courses
CAES	31
CHUSS	41
COBAMS	12
CHS	116
CEES	123
Law	1
CONAS	64
CEDAT	67
COVAB	6
COCIS	329

Open, Distance & eLearning: Dealing with Covid-19

- Implications & Challenges

  - ICT literacy levels: Teachers & Students

  - Context of use: social-cultural constraints

  - Financing (UGX Million)

Short-Term May 2020– Jun 2021	Medium-Term Jul 2021 – Jun 2023	Long-Term Jul 2023 to Jun 2030
12,507.52	25,405.02	22,977.52

Thank you.

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Multimedia
&
eLearning

- **India**, Bachelor studies : 1998 – 2002

- **Rwanda,** Public servant: 2002 -- 2006

- **UK**:

  - MSc, Communications Engineering: Scotland 2006 – 2007
  - MPhil & Work: Wales, 2007 – 2010

- **Norway,** PhD research fellow, 2010 - 2013

- **Uganda**, DELP Project, 20MNOK, NORAD, 2013 - 2020

- **Tanzania**, DigI Project, 20MNOK, NFR, 2017 - 2020

- **Rwanda**, EQIP Project, 5MNOK, DIKU 2019 – 2023