



Institute of Educational and Management Technologies

Enhancing Teaching and Learning



Introduction

- ❑ Institute of Educational and Management Technologies (IEMT) is among the 2 Institutes at OUT
- ❑ Using technologies as an enabler in implementing OUT Strategic Objectives/Supporting teaching, research & Consultancy/Community Services
- ❑ Guided by ICT Policy, ICT Master plan which are aligned with Strategic Objectives as stipulated in Rolling Strategic Plan (RSP)

IEMT Functions/Services

IEMT Three Main Functions to Date

Supporting ICT
services at the
University

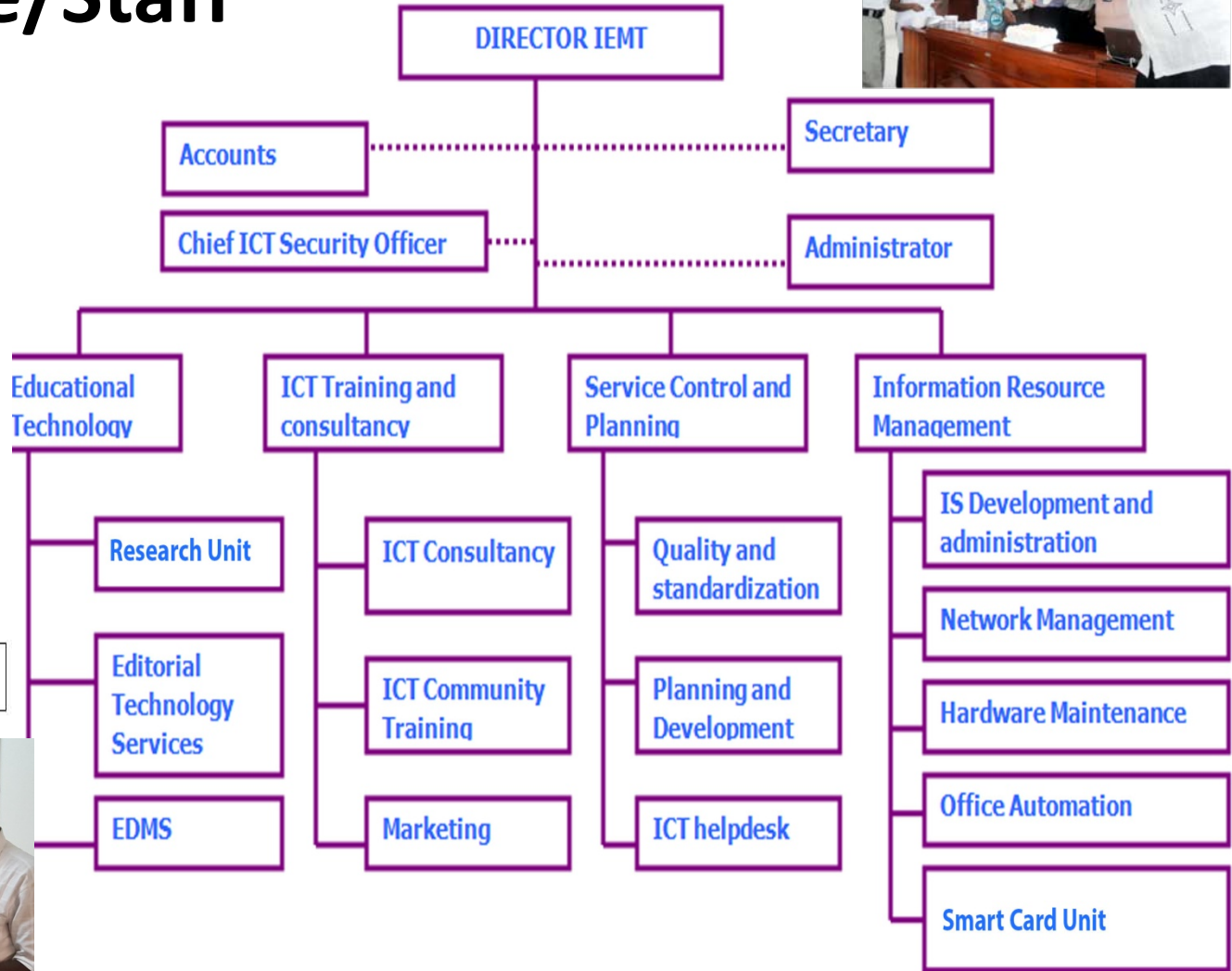
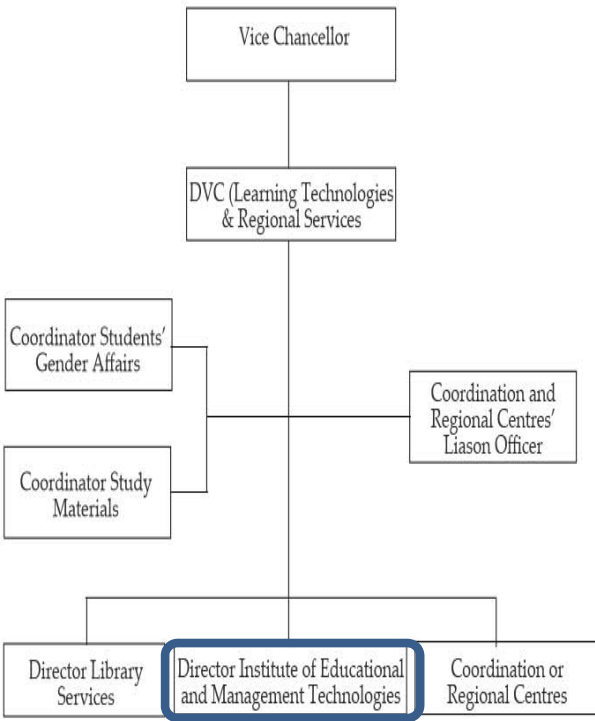
Conducting
research in
relation to ICT
services at the
University

Carrying out ICT
related training and
consultancies to the
community & general
public

”Educate, Innovate & Support”



IEMT Structure/Staff

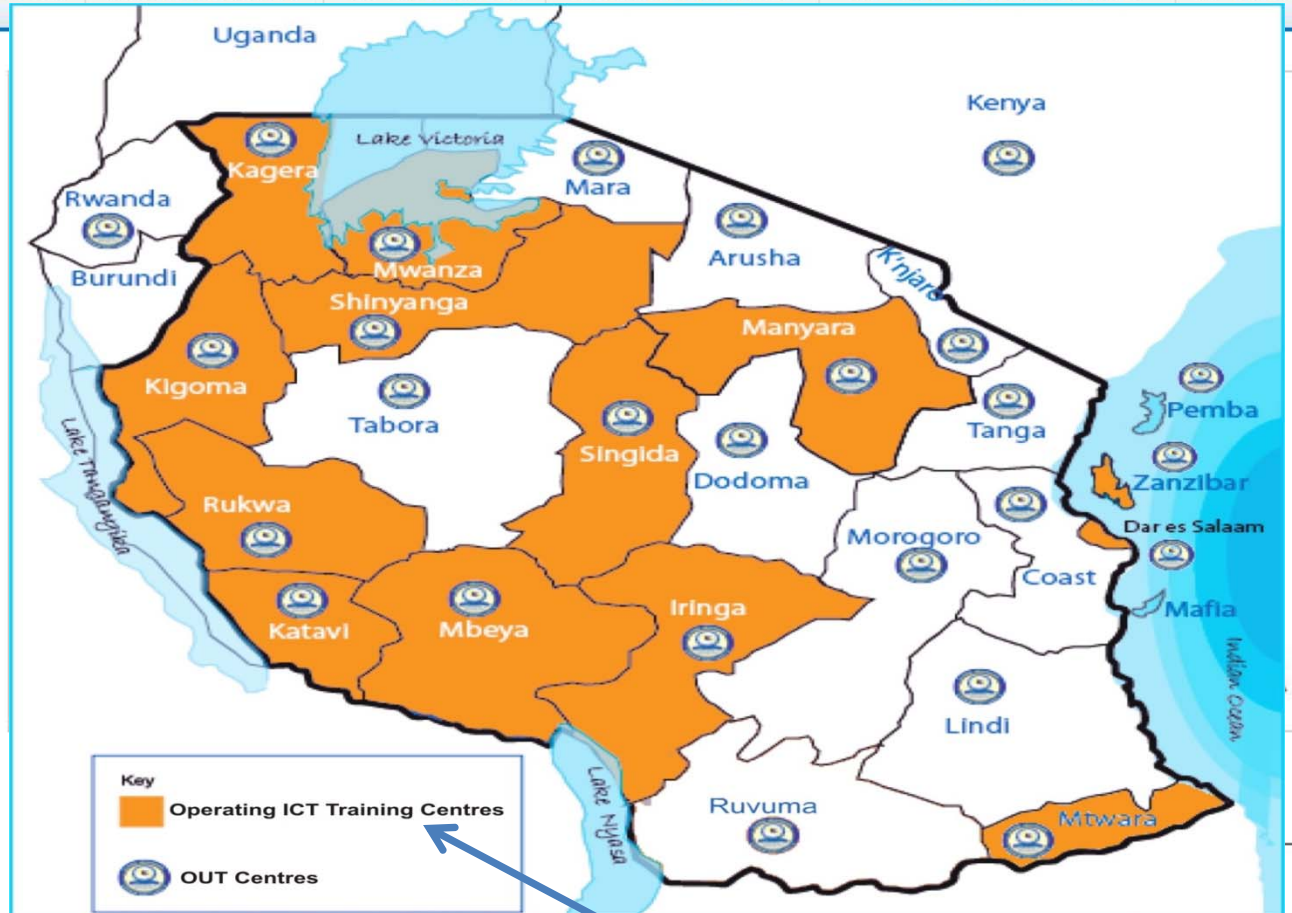


IEMT Staff is about 80 (Permanent & Contract) – Technical Staff, Instructors & Administrative staff

DIRECTOR



Dr. Edephonce Nfuka



DIRECTORATE TEAM OF STAFF



Ms. Jane Bethuel
HoD - Service Control



Mr. Stephen J. Lukindo
HoD - Information



Ms. Regina Monyemangene
HoD - Educational



Mr. Benjamin Bussu
HoD - Training and Consultancy Services



University
ICT Services
Support



ICT
Training
Solution



ICT
Research &
Consultancies

OUT RSP Objectives

Responsible for Using ICT as Enabler to Implement

- Improved Legal Framework, Governance, and Organisational Structure
- Strengthened Regional Centres
- **Enhanced Teaching and Learning**
- Improved Admission Process, Procedures and Student Enrolment Expansion
- Enhanced Directorate of Examinations Syndicate (DES)
- Enhanced Research, Consultancy and Publications Capacity
- Improved Information and Communication Technology (ICT) Infrastructure and Services
- Enhanced Human Resources Management
- Improved Library Capacity and Services
- Improved Gender Balance and Mainstreaming
- Improved Infrastructure and Facilities
- Improved Handling of Student Affairs

Enhancing Teaching and Learning

- ✓ Use of ICT to enhance Teaching and learning
- ✓ Capacitate learners and Instructors with adequate knowledge to access learning resources through ICT
- ✓ Conduct awareness campaign to learners and instructors on OER and other educational resources



COMMONWEALTH OF LEARNING
Learning for Sustainable Development

To find answers to these questions, take this module on
Understanding Open Educational Resources (OER).



Select **START** to begin.

START



Information Systems to Support Teaching and Learning-LMS/Moodle



NAVIGATION Home

Home

- My home
- Site pages
- My profile
- My courses

ADMINISTRATION

- My profile settings

Welcome to the OUT Learning Management System

The OUT Learning Management System (OUTLeMS) -platform enables access to the various courses offered by The Open University of Tanzania (OUT). Registered students will gain access to the study materials and other relevant course content. OUTLeMS also facilitates communications between students and their respective teachers



Course categories

- ▶ Faculty of Science Technology and Environmental Studies (2)
- ▶ Institute of Continuing Education (1)

VC Speech

CALENDAR April 2016

Mon	Tue	Wed	Thu	Fri	Sat	Sun
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	



There is also Moodle mobile for easy access from our Smartphones/Tablets

Interactive Offline Learning Material to Support teaching and learning

- These material compliment online resources and we provide to all students in CDs
- Can be used at the user's own time and place in periods of low/no connectivity



What has been done at OUT to Date in Terms of OER?

- ❖ Access to OERs
- ❖ Staff OER Capacity building
- ❖ Research on OER at OUT
- ❖ Institutional OER policy formulation
- ❖ OER digital fluency for staff
- ❖ Conversion of ODL courses into OER
- ❖ Supporting infrastructure & services for academic community







OER Access

- The link to OER resources have been put in OUT website
- The AVU courseware DVD contents extracted from <http://oer.avu.org/> have been put in OUT Learning Management System users to access



COURSEWARE

OUT Courseware Supported by STHEP 	AVU Courseware 	MIT Courseware
TESSA Courseware 	Accredited Schools Online 	

Electronic Resources
Electronic Books
Electronic Journals
Open Course Ware
Online Thesis/ Dissertation
Huria Journal
JIPE
Law Journal
Electronic Resources
Journals of Distance Education

Access: OER resources

CDs with a short course on **Understanding OER** have been distributed to at least 60 academic staff



To find answers to these questions, take this module on
Understanding Open Educational Resources (OER)



Select **START** to begin.

START



Open Education Resources (OER): Integration in Practice



A warm welcome to all COL OER workshop participants!

Description: **Open Educational Resources (OERs)** are teaching and learning materials that are offered freely and are openly available online for access and use by educators and learners, without an accompanying need to pay royalties or license fees. **OERs** are free for your use under a variety of Creative Commons Licences. We need to know how to find relevant OERS, review them, adapt them (if the license permits), and what the process is for producing and making available our own OERs.

Outcomes

On completion of this workshop it is intended that you as a participant will have:

- o refreshed your memory of what constitutes an OER
- o developed or consolidated your understanding of the importance of OERs in the higher education context
- o deepened your understanding of issues surrounding the deployment of OERs both at a personal and institutional level, and
- o further developed strategies to prepare your online courses for publication, taking cognisance of Open Education Resource (OER) licensing issues.



Facilitator: Brenda Mallinson, on behalf of COL.

Workshop Schedule: Please view the OER Workshop 3-Day Programme to see the planned activities.



General news and announcements



COL OUT OER Workshop Programme 136.5KB Word document

Staff are also given access to OER Sensitization Course which is uploaded on MOODLE LMS



OER Access *Cont'd...*

Directives to students through CD

If you are connected to the internet, you can click [Here](#) to view the directives on how to find other sources of materials from OUT website or you can click on the following links.

« MIT COURSEWARE 1

« MIT COURSEWARE 2

In case you find any technical problem with accessing the contents of this CD kindly email to: info.elms@out.ac.tz

The screenshot displays the Open University of Tanzania website interface. On the left, there are two vertical navigation menus: 'DOWNLOADS CENTRE' and 'IMPORTANT INFORMATION'. The 'DOWNLOADS CENTRE' menu lists items such as 'Course Outlines (747)', 'Application Forms (11)', 'OUT Facts and Figures (8)', 'Almanac 2015 / 2016 (1)', 'Client Service Charter (1)', and 'Prospectus 2015/16 (1)'. The 'IMPORTANT INFORMATION' menu lists 'University Collaborations', 'Latest VC's Speeches', 'ICT Security Procedure for Students', 'ICT Security Procedure for Staff', 'Examination Time Table 2016', and 'OUT on HIV and AIDS'. The main content area features a 'News and Updates' section with three news items dated 30 Mar, 11 Mar, and 22 Feb, 2016. Below this is a 'News Flash / Recent Photo' section with two news flash items. On the right side, there is a 'STAFF ONLINE ACCESS' section with icons for 'HRMIS System', 'Ustawi System', 'File Tracking System', 'Turnitin', and 'CRM System'. Below that is a 'COURSEWARE' section with icons for 'OUT Courseware Supported by STHEP', 'AVU Courseware', 'MIT Courseware', 'TESSA Courseware', and 'Accredited Schools Online'. At the bottom, there is a 'MORE ANNOUNCEMENTS...' section with a list of documents and their counts, and an 'IMPORTANT INFORMATION' section with a list of links. A black box highlights the 'COURSEWARE' section, and a black arrow points from the text 'MIT, AVU Courseware etc' below to this box. Another black arrow points from the text 'Student /Staff Access' below to the 'Staff/Student Access' button in the 'News Flash / Recent Photo' section.

Student /Staff Access

MIT, AVU Courseware etc



IEMT has received collaboration and support on OER initiatives from OER Africa through SAIDE and UNESCO COL which have sensitized OUT staff on OER



Capacity Building 29 Academic staff capacitated in OER

2014



Workshop 1:Seven (7)
Participants



Workshop 2:Seven (7)
Participants

2015



Workshop
1:Seven (7)
Participants



Workshop 2:Eight (8)
Participants

2016

Workshop
1:twenty four
(24)Participants



OUT – OER Research- Publications



**Open Educational Resources Initiative at
The Open University of Tanzania:
Challenges and Lessons - Nihuka, K. A.,
Mbwette, T. S., & Kihwelo, P. F -2014**

**Accessibility of Open Educational
Resources for Distance Education
Learners: The Case of the Open
University of Tanzania -Samzug, A.S.,
& Mwinyimbegu, C.S. -2014**

**Analytical Insights on the
Position, Challenges and
Potential for Promoting OER
in ODeL Institutions in
Africa'. In press at IRRODL.
Muganda, C.K., Samzug, A.
and Mallinson, B.J. (2015)**



OUT – OER Research- Conference papers

DETA conference
(2015, Mauritius)

- *Towards OER Integration for Professional Development of Lecturers at OUT*

OE Global 2016 (2016, Poland)

- Early Experiences of the Course Conversion to OER Process at Open University of Tanzania

NADEOSA confere

- Experiences of implementing MOODLE Plugin Report Feature for determining the Online Course Development Status at Open University of Tanzania

Institutional OER policy formulation

OPEN UNIVERSITY OF TANZANIA POLICY ON OPEN EDUCATIONAL RESOURCES (OER)



APPROVED BY COUNCIL ON DATE
REVIEW DATE

© Open University of Tanzania

The Open University of Tanzania

Kiwawa Road

PO Box 23409

Dares Salaam

Tanzania

This work is licensed under an

Attribution 4.0 International (CC BY 4.0) License



<https://creativecommons.org/licenses/by/4.0/>

3. Overview of the Policy

The following sections identify the specific policy issues and procedural guidelines for effective engagement with OER.

3.1 Policy objectives

The objectives of the policy are to

- Provide guidelines on how to formulate the necessary strategic outputs, tasks and performance indicators to achieve OER creation and integration in the development and delivery of OUT courses;
- Develop awareness about the concept and practices related to OER among all OUT academic community and the general public.
- Guide capacity building among the academic staff and supporting personnel for the creation, identification, storing and integration of OER in their courses;
- Ensure preparation of all required guidelines and manuals for OER creation, integration and dissemination including open licensing procedures

3.2 Policy statements and strategies



Academic Digital Fluency Course

A digital literacy course for academic community consisting five modules:

- Digital Fundamentals
- Working with Open Educational Resources
- Learning Design and Development for Blended / Online Delivery
- Academic Integrity in the Digital Age
- Storage and Access for Digital Resources

Developed and reviewed by IEMT, FSTES staff with support from OER Africa
/SAIDE

Digital Fluency Course ...

What has been done

- Survey on OER awareness at OUT
- Stake holders meetings
- Content creation
- Content review
- Technology alignment
- Copyright clearance
- Online course development
- Pilot planning
- Module 2 pilot (14th March – 30th April 2016)

Current status & way forward

- Module 3 pilot on progress
- Technology alignment for Module 1 on progress
- Quality Assurance comments are being integrated in Module 5
- Technology alignment to be done for Module 1, 4 and 5
- Copyright clearance to be done for Module 1, 4 and 5

Digital Fluency Course ...

← → ↻ elms.out.ac.tz/course/view.php?id=1411

OUT E learning Home OUT Website Student Mail Saris AVU Courseware MIT Courseware



OUTLeMS

Home ▶ Courses ▶ Faculty of Science Technology and Environmental Studies ▶ Department of Information Communication Technology ▶ Academic Digital Fluency ▶ ODF 001 Module 2

NAVIGATION

Home

- ▣ My home
- ▶ Site pages
- ▶ My profile

▼ Current course

▼ ODF 001 Module 2

- ▶ Participants
- ▶ Badges
- ▶ General
- ▶ Topic 1: Open Educational Resources (OER) Concepts
- ▶ Topic 2: Understanding Creative Commons Licensing
- ▶ Topic 3: Mixing, Adapting, and Reusing OERs

ODF 001 Module 2: Working with Open Educational Resources (OERs)

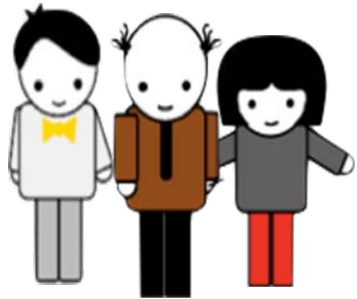
This is the 2nd module of the Academic Digital Fluency course.

Module Description

Nowadays there is a large amount of educational material available online for teaching and learning and research purposes. Open Educational Resources (OERs) provide a means to produce and share knowledge by taking advantage of the digital environment supported by the internet. Through using OER guided by open licenses, users can freely retain, reuse, revise, remix and redistribute content over the internet, thereby enhancing teaching and learning experiences. This module is aimed at providing the learner with basic guidance on OERs, including underlying concepts, and encouraging practical use of OERs. The first topic covers the basic definition of OERs, their forms and repositories. Topic 2

OUT OER Conversion Process

Developed by Nihuka, Mushi & Mallinson,
2016



(Academic Staff,
Students, SMEs)

Digitized
content

Copyright
clearance

Selecting CC
License

Integrating
MM
content

Identifying
repository /
portal

Publishing
for
distribution

(IEMT / Library / Quality Ass.)



OUT OER Working Group (IEMT)



Affordable Quality Education for All

OUT OER Conversion Process...

Some of the Courses in conversion process

- OLW 202: Law of Evidence
- OPD 304: Population Migration and Development
- OGE 121: Background to Physical resources
- FRA 1: French 1
- FRA 2: French 2
- OEF 101: Philosophy of Education and Teaching
- OLW 304: Commercial Law

Supporting Infrastructure – ICT Studio and Video Conference

Video Conference- Supporting Lectures and meetings
DSM-Mwanza



ICT Studio – Lectures and marketing
related Recordings (Video or Audio)



ICT Studio – Lectures and marketing
related Recordings (Video or Audio) –
Recording place



Other Support Services

Library services offers support and training to:

Students on online library services and access to OER resources at OUT

IEMT also offers other support to:

- Lecturers/Instructors
- Users/Students accessing OER resources including *awareness* on this and digital resources in general during students face to face and orientations sessions country-wide (at our 30 Regional Centres)
- Through IT team at HQ & in Regions



helpdesk



Affordable Quality Education for All

Library Website Recently Improvement (Based on our own and Lisbeth Observations)

- Development of new interface using new platform which allow many plugins.
- Content arrangement (Currently in progress).
- The platform is based on content Management System(CMS) in this case Drupal

Improved Library Website



The Open University of Tanzania Library

- HOME
- ABOUT US
- ELECTRONIC RESOURCES ▾
- LIBRARY CATALOGUE
- STAFF
- TUTORIALS
- CONTACT



- ELECTRONIC BOOKS
- ELECTRONIC JOURNALS
- ELECTRONIC THESIS AND DISSERTATIONS
- OUT JOURNAL
- OPEN ACCESS RESOURCES
- OPEN COURSE WARE

Important Information

- Current Awareness Services(CAS)
- FAQ

Welcome note

Welcome to the OUT Library Website

Copyright © 2016 . The Open University Of Tanzania. All Right Reserved.

localhost/drupal7/



12:36
09/05/2016

OUT Repository

Browser tabs: <http://mail.out.ac.tz/#1>, <https://mail.google.com/>, <https://www.google.com/>, Welcome to Open Univer..., Zimbra: Inbox

Address bar: repository.out.ac.tz

Browser icons: Back, Forward, Home, Refresh, Star, Print, Download, Upload, Off, Ask, Windows, Pinterest, Menu

Bookmarks: Apps, Getting Started, Mitt H&M, Email Form - Simple..., ICT Security Courses..., Welcome to Tanzani..., New Tab, Free Postage.SwissG..., Snow White And Th..., Other bookmarks

Open University of Tanzania Repository



Navigation menu: [Home](#) | [About](#) | [Browse by Year](#) | [Browse by Subject](#) | [Browse by Division](#) | [Browse by Author](#)

Links: [Login](#) | [Create Account](#)

Search bar: Search

Welcome to Open University of Tanzania Repository

✓ Welcome to Open University of Tanzania Repository. [Click here to start customising this repository.](#)

Atom RSS 1.0 RSS 2.0

[Latest Additions](#)
View items added to the repository in the past week.

[Search Repository](#)
Search the repository using a full range of fields. Use the search field at the top of the page for a quick search.

[Browse Repository](#)
Browse the items in the repository by subject.

[About this Repository](#)
More information about this site.

[Repository Policies](#)
Policy for use of material in this repository.

Windows taskbar: Start button, Task View, Edge, File Explorer, Firefox, VLC, LibreOffice, Chrome, Firefox, VLC, Word, PowerPoint

System tray: 12:51 PM, 05/09/2016

Footer: Affordable Quality Education for All

Challenges Encountered

- Reluctance of academicians to release their contents online for free
- Not been able to collect the statistics on the usage of OER resources
- Converting process from ODL to OER
- Inducting students to OERs
- Connectivity Issues

Plans to Reduce encountered Challenges

- Search, install and use web traffic software to track and assess the usage of OER resources at OUT
- Capacitate more learners (continuing and new) during face to face sessions and orientation days
- Capacitate more OUT Instructors on OER through different initiatives
- Introduce incentives, motivational schemes and performance appraisal for OER users
- Disseminate the OER policy to OUT staff
- Conduct survey on how OUT staff are using OER
- Conduct researches on OER
- Contribute to the OER repository pool
- Establish collaboration with more OER partners
- Connectivity Improvement including Internet access bandwidth
- Affordable tablet solution for increasing Students access to our digital resources including OERs



Thank you

