

Editorial

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To be the stimulant of scholarship in innovation is HIT's destiny. The journey to this destiny entails a lot of hard work in the area of research and publication as new ideas are transformed into products that are transferable and commercialisable. Conference papers have been produced, journal articles have been published, books have been published and patents are being registered along the scholarship to innovation journey. We made a stop this year 2015 to look back at the distance that we have travelled and our achievements over the past ten years and decided to celebrate those achievements through a series of events to mark the Institute's 10th Anniversary Celebrations. To kick start the celebrations was the launch of the Library's project, The HITScholar", in which the Library came up with an idea of collecting and preserving the Institute's intellectual memory in a database commonly referred to as the institutional repository. The repository, HITScholar, is a digital archive of HIT's intellectual products. The database now carries more than sixty articles. The figure is, however, not reflective of the ten exciting years travelled to date. I believe a lot has been produced but has not found its way to the digital collection for one reason or another. The Institute has already shown commitment to the development of the repository as it has allowed for the creation and development of the database and has approved the

repository's policy.

There are so many benefits that await content providers:

- • Assurance of a wider audience for your research dissemination
- • Your research work is disseminated faster as all publisher's costs and barriers are removed
- • HITScholar ensures preservation and access to your work and your research items will get a permanent URL compared to a personal website
- • Your research profile is enhanced
- • You stand to gain increased recognition

You now have every reason to pull down those files and retrieve your research work for HITScholar. Your research work will contribute to continued excitement in the Institute. HIT has scooped, twice in a row, the best exhibitor's trophy, in 2014 at the Research and Intellectual Expo, Science, Engineering and Technology (RIE-SET) held at the University of Zimbabwe and this year 2015 at the Research and Intellectual Outputs, Science, Engineering and Technology, (RIO-SET) Expo held from 3-5 September at the National Science and Technology University (NUST). Let your research work be the reason we continue to be the only stimulant of scholarship in innovation.

Stimulating Scholarship in Innovation

Launch of HIT Institutional Repository (HITScholar)

The HIT Library & Information Services launched the HIT Institutional Repositories, HITScholar, on 27 March 2015 in a colourful ceremony held at HIT. The official launch was done by the HIT Vice Chancellor, Engineer QC Kanhukamwe. Prof Mashingaidze of Chinhoyi University of Technology (CUT) and Mr Madzivo, Library Manager at the Zimbabwe Open University (ZOU) graced the occasion as guest speakers. The Librarian opened the floor with his speech that highlighted on Open Access initiatives and benefits of the Institutional Repositories to HIT Staff and Students.



HITScholar preserves and enables easy and open access to all types of digital content including text, images, moving images, m-pegs and data sets. HITScholar highlights the research and scholarly productivity of members of the HIT community. HIT Library & Information Services (HIT LIS) administers the repository to collect, organize, disseminate and preserve the digital scholarly output of HIT faculty, students and staff. HIT LIS and ICTS Team put in place to develop, incubate and implement the IR with Mr Ruzande and Mr Masunda respectively leading the programmes. They designed and created several discipline communities, customised D-Space to HIT feel and look and eventually separated peer-reviewed publications from pre-prints and grey literature.

HITScholar runs on D-Space, free open source software, internationally used by 1 520 institutions (stats accessed today on ROAR). HITScholar increases local and global visibility, gathers, processes and archives research output in a central location, encourages self-archiving of open access content by staff and students and lastly stores and preserves other institutional digital assets. Digital assets in HITScholar includes, Peer reviewed articles, Conference presentations, Student Projects, Courseware, Images, photographs, Audio and Video clips, Research data (Data sets).



The Deputy Librarian Mr Mujera elaborated on the benefits and flexibility of self-archiving for lecturers and soon after, it was a pleasure to have one of the Lecturers Dr Musengi (FPT) demonstrating on self-archiving as he was trained by Mr Ruzande and Mr Nhakura.



Library Staff Attends AfLIA Conference in Ghana

The Harare Institute of Technology was very proud to have Mr JL, Maenzanise (The Institute Librarian) and Mr M, Nhakura (Senior Library Assistant) represent them at the third African Library and Information Associations and Institutions (AfLIA) conference held at Ghana Institute of Management and Public Administration (GIMPA) Conference centre, University of Ghana, Accra, Ghana from the 30th of May to 2nd of June 2015. As many as 157 library professionals from all over the world with vast experience in school, academic, public and private libraries attended the conference whose theme was, "African Libraries Rising-Leadership and Innovation for Development". Among the delegates, was the Vice President of Ghana's wife, a Librarian by profession and we were thus honoured with a presidential motorcade to accompany us for an Accra City Tour and a Visit to the Kwame Nkrumah Mausoleum and its adjoining Arts Centre. The conference was aimed at building the capacity of librarians:



- to support the sustenance of consortia in their countries such that participants can volunteer to take leadership positions, advocate for the consortium and volunteer to lead projects
- to lead the provision of effective library and information services in their countries by providing planning services and presenting them effectively to their clients.
- to have a core of effective leaders on the continent able to shape change in their countries and engage effectively in the global library and information space.

Experts and participants in the field made intriguing presentations which stimulated constructive debates and contributions. Mr JL Menzanise made a poster presentation on Leadership Excellence and Use of Technology at the Harare Institute of technology. Mr M, Nhakura made a poster presentation on Social Media as a Tool for Sharing Academic Knowledge among undergraduate Students at HIT. African Libraries were seen to be having a rebirth with new levels of advocacy and outreach. This process, however, needs further revamping to translate into positive outcomes that will provide institution strengthening and innovative services. Despite the outlook, African libraries still suffer major constraints in realising their full potential. It was observed that many African countries were suffering from the same challenges economically and technologically and henceforth the conference was geared towards making African Libraries become knowledge institutions in an era characterised by immense technological innovation and innovative approaches. Conditions were examined to identify right leaders to emerge within library communities across the continent. This required a blueprint for investing in people and in the right kind of leadership, which will lead to the creating and maintenance of innovative services to meet the needs of clients in African Librarianship. Librarians across the world were thus urged to form partnerships to sustain such services in the communities at the national and international levels. The Speed-Geeking and poster presentations were led by Mr Maenzanise and it was with great joy, honour and jubilation that his poster presentation won the first prize. The Harare Institute of Technology was given an award in recognition of his outstanding presentation. Mr Maenzanise, Mr Nhakura and indeed the rest of LIS members of staff are grateful to the Vice Chancellor for supporting the two colleagues to attend the conference. The library is in the process of implementing the strategies and skills acquired at the conference for the benefit of the HIT Library staff and clients.



Using Social Media to Share Academic Knowledge among Undergraduates at HIT

M Nhakura

Kaplain and Heinlein (2010) define social media as "a group of Internet – based applications that build on the ideological and technological foundations of web 2.0 and that allow the creation and exchange of user-generated content". It mainly focuses on people building communities other than content.

Abstract:

This study explored social networking technologies (SNTs) as tools for sharing academic knowledge among undergraduate students at HIT. This researcher was triggered off to carry out the research when he became a Subject Librarian for Food Processing Technology, Pharmacy and Bio Technology Departments. Although the students were exposed to social media technologies like Facebook, Twitter, You-tube, Library WhatsApp Group Forums, Library Facebook pages, etc. there was no evidence available for the usage of social media for sharing academic information.

Statement of the problem

Higher education institutions in many developing countries have started using social media for the provision of quality education and the production of valuable research (Ahmed 2011). If higher education institutions in developing countries do not hook on to social media technologies, they will definitely lag behind. However, at Harare Institute of Technology the researcher acknowledged the existence of social media but there is no evidence of the use of social media technologies for sharing academic knowledge by students.

Objectives

To determine whether students use social media for sharing academic knowledge. To examine how academic information is shared amongst students using social media. To assess the factors influencing social media usage in sharing academic knowledge. To identify the problems faced by university students in using social media.

Significance of the study

he study is vital in reinforcing policy amendments to include the support and usage of social media technologies for knowledge sharing henceforth advocating for an increase in bandwidth rather than elimination of the tool. There has been an outcry to ban social networking sites because of the belief that they disrupt the learning processes henceforth in Zimbabwe, some universities are using the sites while others have completely banned them.

Some studies done at Queens University of Charlotte (Boxham 2010) concluded that students get poor grades due to obsession by social media. Watson and Edwards (2010)

Scope:

The study was limited to HIT conventional students only. There are so many social media technologies available but the study focused on WhatsApp and Face-book. The time frame covered Nov 2013 to April 2014.

Participants	Population	Target Population	Sample Size	Research design	Data Collection techniques	Tools for analyzing data
HIT Conventional, Block and Parallel students staff	1200	800	80 (John Curry's sampling method)	Qualitative and quantitative	Interviews, observations, questionnaires	SPSS

Results: Results shows that the majority of students mainly use Facebook, WhatsApp, You-Tube and LinkedIn. It emerged that students used social networking technologies for sharing non-academic information mostly. SM technologies improved students' technology proficiency. Bandwidth , speed of internet and electricity power outages are still a challenge. Proper training should be organized for appropriate use social media. The library has a sitting capacity of 90 and housed only 20 computers for the students' usage. 150 computers accessed through computer laboratories for a student population of 1456 at HIT is highly in adequate.



Hindrances to accessibility include hacking and security issues and pop ups during search sessions !!!



In conclusion, this study illustrates that almost all students are persuaded and enticed to use social media frequently for their interactions .Most of the interactions must therefore be academic, which forms the main basis why they enrolled at the University in the first place

NEW BOOKS

Frank Wood's Business Accounting 1 / F Wood and S Alan : 2011

A very reliable book for accounting examinations. The book is used on a wide variety of courses in accounting and business, both at secondary and tertiary level and for those studying for professional qualifications, Business Accounting Volume 1 has become the world's best-selling textbook on bookkeeping and accounting.

With the addition of a MyAccountingLab, an online tutorial and assessment system, students using this twelfth edition will have even more support when preparing for their exams.

Features include: · A personalised study plan for each student · Guided solutions that take students step-by-step through solving a problem · Exam board-style questions · An eBook for quick reference

To learn more, visit www.myaccountinglab.com

Chemistry / C Housecroft and E Constable

This book provides a robust coverage of the different branches of chemistry – with unique depth in organic chemistry in an introductory text which help students to develop a solid understanding of chemical principles, how they interconnect and how they can be applied to our lives.

Practical Cookery for the Level 3 NVQ and VRQ Diploma / D Foskett, P Paskins and N Rippington

This textbook covers all the advanced preparation, cooking and finishing techniques you need to succeed in the professional kitchen. This edition has been fully updated to include recipes that incorporate modern culinary trends and up-to-date techniques. It contains all of the underpinning knowledge you need for whichever Level 3 course you are completing. In addition, catering colleges from across the UK have contributed regional recipes which will be of interest to Level 3 and master chefs alike. · Put your knowledge into practice with 400 specially selected, easy-to-follow recipes complete with colourful photographs · Master important skills with dozens of step-by-step sequences which guide you through advanced techniques · Get hints, information and valuable advice on working in a professional kitchen from real chefs · Test yourself with questions at the end of each chapter and refine your reflection technique with special sections on identifying results and conducting independent research · Access industry-standard videos on your smartphone, tablet or computer with QR codes embedded in the text

Frank Wood's Business Accounting 1 / F Wood and S Alan: 2011

A very reliable book for accounting examinations. The book is used on a wide variety of courses in accounting and business, both at secondary and tertiary level and for those studying for professional qualifications, Business Accounting Volume 1 has become the world's best-selling textbook on bookkeeping and accounting. With the addition of a MyAccountingLab, an online tutorial and assessment system, students using this twelfth edition will have even more support when preparing for their exams.

Features include: • A personalised study plan for each student • Guided solutions that take students step-by-step through solving a problem • Exam board-style questions • An eBook for quick reference To learn more, visit www.myaccountinglab.com

Food and beverage service, 8th ed. / J Cousins and D Lillicrap This revised and updated edition of Food and Beverage Service is considered the standard reference book for food and drink service in the UK and in many countries overseas. New features of the 8th edition include: • larger illustrations, making the service sequence clearer than ever • updated information that is current, authoritative and sets a world standard • a new design that is accessible and appealing as well as meeting the needs of students working towards VRQ, S/NVQ, BTEC or Institute of Hospitality qualifications in hospitality and catering at Levels 1 to 4, or degrees in restaurant, hotel and hospitality management, the 'Waiter's Bible' is also widely bought by industry professionals. It is a valuable reference source for those working in food and beverage service at a variety of levels and is recognised as the principal reference text for International World Skills Competitions, Trade 35 Restaurant Service.

Visit the library for more new books

Obituary of Miss Margareth Chiumbe



The Vice Chancellor, Engineer Q.C. Kanhukamwe joins the entire HIT community in mourning the passing on of Margareth Chiumbe, (39), a staff member in the Library and Information Services Department who succumbed to cancer on Friday 26 June 2015 at Parirenyatwa Hospital.

She is survived by her parents, two brothers and two sisters.

Margareth Chiumbe joined the Harare Institute of Technology on 1 January 2005, as a Library Technical Assistant, a position she held until her time of death. She graduated with a Diploma in Library and Information Science from the Harare Polytechnic College in 2014 having successfully completed a Certificate course in the same field in 2011. She attained primary education at Mbuyamaswa School and proceeded to Jichidza High School in Zaka for her secondary education.

Colleagues have described her as a team player, hardworking and always striving for excellence in all assigned tasks and activities. She will be remembered by her colleagues and friends both at work and church.

Her family's eulogy was centred on her great sense of responsibility and her enduring nature which saw her working hard to assist and provide for the family. She placed her family before herself and diligently carried this responsibility. As a pillar of strength and support she will be greatly missed.

Margareth was interred on Sunday 28 June, 2015 at her rural home in, Zaka East, Masvingo.

May her soul rest in eternal peace.