

### PROTECT YOURSELVES FROM CYBER ABUSE: VICE CHANCELLOR



Vice Chancellor Eng. Q.C. Kanhukamwe

In a speech read on his behalf by the Pro Vice Chancellor, on the occasion of the Official Opening Ceremony of the Cyber Crime Management Conference on Friday 5 October 2018, at a local resort, Vice Chancellor, Eng. Quinton Kanhukamwe emphasised the need for organisations and individuals to protect themselves from the negative consequences of cyber abuse.

“I believe for us to keep abreast of a rapidly changing world, we need to remain cognisant of developments in cyber security and craft new strategies to circumvent cyber threats at both institutional and national level. We also need to equip ourselves both academically and professionally to adequately deal with these threats. I do hope that this workshop has provided you with fertile ground to think about our academic and professional growth in our careers, as well as contributing to the crafting and implementation of policies to curb cybercrimes,” he said.

Eng. Kanhukamwe added that as the only technopreneurial and innovation university in Zimbabwe, HIT was proud to have hosted the inaugural conference on cybercrime which sought to unpack the critical area of cyber security. HIT, he said, boasted of having the only department of Information Security and Assurance in the country, and through long term vision and planning, the University had made huge investments in staff development in the area of cyber security. Experts within this department offered their expertise at this fora, with a blend of local and regional experts on cybersecurity, law, digital forensics, and information technology. Over 100 participants from diverse sectors including parastatals, the defence forces, the police, universities, the banking sector, the legal fraternity, ICT sector, the Church, insurance industry, audit, among others attended the

event.

Eng. Kanhukamwe said Cyber security has emerged as an area of strategic national importance, and the drafting of the Cyber Crime and Cyber Security Bill, (2017) attests to the significant progress made in recognizing and promoting cyber security in Zimbabwe. “As a University, we are obliged to be responsive to national policy imperatives, and to transform communities through discharging our knowledge and expertise, he said.

The Cyber Crime Management Conference was held under the theme “Transforming the Nation in the face of Cyber Threats.”

Tendai Marengereke, Lecturer in the Information Security and Assurance department at HIT began the proceedings with a presentation on New and Emerging Threats of Cybercrime and Cyber Terrorism. Cade Zvavanjaja followed with a presentation on the Impact of Cyber Crime in the 21st Century, and National Prosecuting Authority Principal Public Prosecutor Clemence Chambari gave insights into Cyber Crime Law and Procedure/Evidence Presentation in Court.

Tatenda Mujati, Head of IT from Grant and Thornton presented on Risk Analysis, Penetration Tests, Mitigation and Security Audits, and Legal Practitioner Rufaro Mhandu from Muvingi and Mugadza Legal Firm spoke on Cyber Law Litigation.

The Cyber Crime Management Conference was organised by the Security Services Department led by the Acting Chief Security Officer, Mr E. Nyandoro.

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## INNOVATION

## LEADERSHIP

## INTEGRITY

## COMMITMENT

## PROFESSIONALISM

## NEW E-VOTING SYSTEM FOR SRC ELECTIONS



William Deng Nyuon

South Sudanese national William Deng Nyuon won the HIT SRC Presidency, while Steve Tadzoka was elected Vice President, in an election which for the first time in the University's history, used the electronic voting system.

A total of 551 out of 1814 registered students casted their votes, representing 30,37 % as compared to 566 out of 1391 registered students who voted in 2017 (40,7 %). The electronic voting was transparent and results were shown in real time, reflecting on the portal display when a vote was cast.

These elections were also historical in that there were held under a new constitution, where a presidential candidate would have a running mate who would automatically

become the Vice President. Members of Parliament were voted for in their respective departments.

Dean of Students, Mr Joshua Chandauka said electronic voting has proved to be less tedious and less time consuming. "It does not require much effort on the part of the administrators and on the part of the students as well. The beauty of it is that every registered student can vote from anywhere even if they are not on campus. We hope next year we will have more students participating since they now have a better understanding of the new constitution and the electronic voting system," he said.

### STUDENT REPRESENTATIVE COUNCIL (SRC) CABINET 2018

POST	FIRST NAME	SURNAME	POST	FIRST NAME	SURNAME
President	William Deng	Nyuon	Member of Parliament	Chido	Qochiwa
Vice President	Steve	Tadzoka	Member of Parliament	Mary	Mudondo
Min of Govt Affairs	Tagarika	Maruza	Member of Parliament	James	Chitute
Min of Finance	Theophilus	Masukume	Member of Parliament	Utton	Dhliwayo
Min of Academics	Sydney Desire	Mabvurira	Member of Parliament	Bradley	Gorah
Min of Legal Affairs	Gracious	Mazivanhanga	Member of Parliament	Blessed	Mahuni
Min of Sport, Culture & Recreation	Mufaro	Matura	Member of Parliament	Prideson	Chisadza
Min of Religion & Worship	Maxwell	Rukweza	Member of Parliament	Prince	Maturure
Min of Welfare & Equity	Kundai	Makaza	Member of Parliament	Allen	Zengeni
Speaker of the House	Sifiso	Sigogo	Member of Parliament	Prince	Gora
Deputy Speaker	Arnold	Kasinamubare	Member of Parliament	Tsitsi	Chaparika
Member of Parliament	Nyasha	Tarambiwa	Member of Parliament	Craig	Chiveto
Member of Parliament	Emmanuel	Amato	Member of Parliament	Albert F.	Matsikwa
Member of Parliament	Ashley	Nyanhemwa	Member of Parliament	Tanaka P.	Muchengadava
Member of Parliament	Never	Charumbira	Member of Parliament	George	Zinyengere

## HIT STUDENTS SHINE IN THE ABB STROBE BILLBOARD AND VISUAL CONCEPT DESIGN COMPETITION



The “Design Team on Campus,” a team of HIT students from the Industrial and Manufacturing Engineering department won the First Prize of \$500, while Keith Mbofana, a Part 2 Electronic Commerce student won the Second Prize in the inaugural ABB Motors Strobe Billboard and Visual Design Competitions held on 19 October 2018.

The competition drew participants from HIT and the Harare Polytechnic College.

The winning team “Design Team on Campus” was comprised of Arthur Matsikidze, Calton Magonde, Denise Mangunda, Munyaradzi Gumise and Kudzaishe Chisi. They won first prize in the 90 second creative visual concept category. Another team of HIT students “Maverick” came second prize in the billboard category. The “Maverick” team members were Blessing Mpala, Shingai Magazeni, and Bibi

Mutandi from the Electronics Engineering department.

The Billboard and Visual Concept Design Competition was funded by ABB Strobe Motors to the tune of \$10 000 in collaboration with HIT’s Technopreneurship Development Centre (TDC) and the Technology Centre. The aim of the competition was to come up with a selling advertisement in the form of a large street billboard and a promotional 90 second video. The advertisement is then expected to increase sales of Strobe Gas Shock Absorbers by ABB within a period of 6 months. Participants were expected to design and sell their ideas on the competition day to a panel of judges. Participants could enter the competition as individuals or as teams with a maximum membership of 5. The competition, which ran from 28 September to 19 October, 2018 fits into the creative design

and innovation model and thus fulfills the purpose of the already established Innovation Design Thinking Laboratory (IDTL).

In his official opening speech HIT Pro- Vice Chancellor, Dr. Maxwell Chanakira highlighted the importance of University-industry partnerships as they bring value to the nation. He applauded the synergy created by the Harare Institute of Technology and ABB Motors saying that such initiatives complement government’s efforts to achieve the middle-income economy status by 2030. “This is indeed a sign of confidence that business has in the nation’s learning institutions. This kind of sponsorship also shows the confidence that the local industry has on us,” said Dr Chanakira. In his keynote address, the founder and Managing Director of ABB Motor Spares, Mr Manonge, challenged students to think outside the box and initiate sustainable business projects as they are still studying. He also encouraged students to come up with new ideas and new approaches to solve particular problems in their communities.

ABB Motor Spares is a leading importer and distributor of quality guaranteed automotive parts and a preferred supplier of service kits, suspension, shock absorbers, and accessories to corporate organisations and individual motorists in Zimbabwe. Its flagship is the Strobe Shock Absorbers branded as The Ultimate Gas Shock Absorber that combines the best of Germany-Taiwan and Japanese technology. It’s a breakthrough innovation

## BIOTECH STUDENTS SHOWCASE AT ANNUAL FOOD FAIR

Students from the Biotechnology Department participated at the Annual Food Fair held on 20 October 2018, at the Harare Botanical Gardens.

The Food Fair is an annual showcase of food and aspects of its production, ranging from hybrid seeds to ice teas brewed from local herbs and novel husbandry production techniques. The fair is a versatile event that encourages organic farming, naturalism and ecologic consciousness.

The Biotechnology department showcased the vermiculture and vermicomposting system which was of particular interest to the event organizers. The students explained the vermiculture system, its benefits compared to chemically based fertilizers and the impact of household scale biodegrading schemes. The students also promoted awareness on the impact of biotechnology in food production, the role of microbiology, isolation techniques and aseptic techniques at their exhibition stand.

Department, Dr. Amos Musengi said their participation at the Annual Food Fair was aimed at raising awareness on the role of

biotechnology in the food industry and educating the public on Vermiculture.



Chairperson of the Biotechnology

Biotechnology Department students at the Annual Food Fair 2018

## BIOTECH HOSTS MUSHROOM TRAINING COURSE



The Department of Biotechnology conducted a one-day training course for mushroom growers at the Harare Institute of Technology on 26 October 2018.

Forty-six participants took part in the training course. The course included theoretical lessons and a participatory practical session. It also covered mushroom ecology, substrate preparation techniques, infrastructure and equipment for setting up oyster mushroom production facilities, crop raising and crop management, pest and disease management, and post-harvest handling. The practical session was a hands on exercise teaching all aspects of production and demonstrations. Participants also got the opportunity to practice production techniques from pasteurization of

substrate, inoculation with spawn and incubation of bags in the mushroom production house.

The technical training team consisted of three members of the Biotechnology Department and the participants received a certificate of attendance at the end of the course.

According to the Chairperson of the Biotechnology Department, Dr. Amos Musengi, HIT has established a viable working relationship with mushroom growers in the country as evidenced by the numerous orders for spawn that the department is receiving. He added that efforts are being made to keep up with the orders. “Accolades are also continually coming in from our

growers who are guaranteed to get profitable yields from the high quality vigorous spawn that we supply to them. Growers who previously sourced their spawn from South Africa have made a turnaround and resolved to use HIT spawn in their production of oyster mushroom for local and regional supplies,” he said.

Participants at the Mushroom training course also called for the use of vernacular in the theoretical sessions to make the course more comprehensive, interactive and exciting. They also requested that HIT should produce adequate spawn to satisfy the current demand in order to boost national production to a significant level since its spawn is the best in the country

## MUSENGI SCOOPS SAZ AWARD



Dr Amos Musengi receiving his SAZ Technical Committee Member Award.

Dr Amos Musengi, Chairperson of the Biotechnology department has for the second year running scooped the Standards Association of Zimbabwe (SAZ) Technical Committee Member Award.

The award was presented at the World Standards Day (WSD) commemorations held on 17 October at the Standards Association of Zimbabwe’s (SAZ) Borrowdale Offices in Harare. This year’s event was held under the theme “International Standards and the Fourth Industrial Revolution.” Dr Musengi was presented with a certificate and a shield.

The World Standards Day (WSD) is celebrated each year on 14 October by members of the International Electro technical Commission (IEC), International Organisation for Standardisation (ISO) and International Telecommunication Union (ITU). The event pays tribute to the collaborative efforts of the thousands of experts worldwide who participate as Technical Committee members to develop the voluntary technical agreements that are published as national and international standards.

## SAYWHAT PEER EDUCATORS TRAINING



SAYWHAT Peer Educators at the training workshop.

A SAYWHAT Peer Educators Training workshop was held on campus from 24 - 26 September 2018, and was attended by 39 students, comprising 23 males and 16 females.

The training sessions covered reproductive health rights, sex and sexuality, sexual reproductive health (SRH) services integration, functions of a peer educator, counselling, contraceptives, advocacy and gender.

The workshop was organised by the Student Services Division in partnership with the United Nations Population Fund (UNFPA). The programme's primary objectives are to

improve young people's access to sexual and reproductive health services, and improving their competence in dealing with the various sexual and reproductive health challenges that they face. The workshop was also aimed at sensitizing reproductive peer educators on the goals and objectives of the Reproductive Health Education and Advocacy Project (REAP), strengthening the capacity of peer educators in delivering comprehensive SRH information and advocating for SRH services in their learning institutions.

In their deliberations, the peer educators resolved to carry out a number of activities on campus which include the

dissemination of information and knowledge on the following issues: Sexual and Reproductive Health and Rights, gender, HIV and AIDS. They also planned a Walk and Run Breast Cancer Awareness Campaign that involves games and discussions on self-examination of breasts as well as sourcing for donations that will be presented to the Cancer Association of Zimbabwe.

A Hackathon was also planned in which students would come up with a model concept for a scale to be used by people living with disabilities, especially those that are wheelchair bound.



## ROLE OF LIBRARIANS IN NATIONAL DEVELOPMENT ON SPOTLIGHT AT BOOK FAIR



Visitors at the 2018 Zimbabwe International Book Fair.

HIT Librarian, Mr Jasper L. Maenzanise and Senior Librarian Mr Macdonald Nhakura participated at the 2018 Zimbabwe International Book Fair held from 22 - 27 October 2018 at the Crowne Plaza Monomotapa Hotel.

The 2018 ZIBF was held under the theme “The Book: Creating the Future.”

Nhakura presented a paper entitled, “The Role of University Libraries in Transforming and Modernising Societies: A Case of HIT.” His presentation was centred on the role of librarians in national development trajectories, focusing on industrialisation and modernisation. It also addressed the regional and international development agendas such as Africa Agenda 2063 and the UN 2030 SDGs regarding the need to transform people’s lives.

In his capacity as Chairperson of the Zimbabwe Library Association, (ZIMLA) Mashonaland Branch, Nhakura also organised a Librarians’ workshop that was held on the side-lines of the Book Fair on 26 October 2018 at the National Art Gallery. Held under the theme: “The Role of the Library in Transforming and Enhancing Communities,” the workshop was attended by over 70 Librarians and Information professionals from across Zimbabwe.

Maenzanise is the Interim Chairperson and Executive Board member of the Zimbabwe

International Book Fair Association, and provided overall strategic leadership towards the organisation of the event.

The 2018 edition of the Book Fair was described a success.

