

SEPTEMBER 2016

SCIENCE, TECHNOLOGY AND INNOVATION IMPERATIVE FOR DEVELOPMENT



Professor Hubert Gijzen (left), the UNESCO Regional Director for Southern Africa speaking on the importance of science, technology and innovation towards the attainment of the 2030 Agenda.

Professor Hubert Gijzen, the UNESCO Regional Director for Southern Africa has highlighted the importance of science, technology and innovation towards the attainment of the 2030 Agenda.

Speaking at a public lecture at the Harare Institute of Technology on the role of science technology and innovation in transforming the world and the 2030 Agenda for Global Action, Professor Gijzen said the role of science and technology is presented in the information and communications technologies (ICTs) revolution, transformational innovations, biotechnology revolution, nanotechnology and their combinations with ICT that shall lead to a sustainable development revolution, which is the future.

Professor Gijzen's presentation was based on the adoption of the new 2015 development agenda "Transforming Our World: the 2030 Agenda for Sustainable Development". The Agenda 2030, with its 17 Sustainable Development Goals (SDGs) and 169 targets, is a historic plan of action for people, planet and prosperity.

Agenda 2030 is premised on three pillars: a sustainable development and a green economy, peace and security as well as an unfinished economy. The Agenda presents a comprehensive, far-reaching and people-centred set of universal and transformative Goals to wipe out poverty, fight inequality and transit towards a sustainable development path over the next 15 years. The Sustainable Development Goals (SDGs) emphasize the need for transformational shifts to achieve the dual objective of poverty eradication and sustainable development.

In the regional context, the visionary African Union Agenda 2063: The Future We Want For Africa, gives due attention to the role of STI. It seeks to eradicate poverty and associated problems, and to accommodate the needs of about 9 billion people in 2050 in a sustainable way through a skills revolution underpinned by STI, investments in science technology, research and innovation, use of STI and indigenous knowledge,

expansion of the African society as well as investments in universities.

This, he said, will also require a wave of knowledge, creativity and innovation to be unleashed, which underpins a key role for science.

The Public Lecture was held on Monday 19 September and was attended by HIT students and staff, members of the public, stakeholders within the science and technology sector and academia.



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HIT SEVENTH GRADUATION CEREMONY

Date: 20 October 2016
Venue: HIT Campus
Time: 0830Hrs

INNOVATION

LEADERSHIP

INTEGRITY

COMMITMENT

PROFESSIONALISM

HIT VICE CHANCELLOR'S INNOVATION AND SCHOLARSHIP FUND RECEIVES BOOST



Golfers aiming their shots during the Second Edition of the HIT Vice Chancellor's Innovation and Scholarship Fund Golf Tournament held at the Chapman Golf and Country Club in Harare on 23 September 2016.

More than \$10,000 was raised at the second edition of the Vice Chancellor's Innovation and Scholarship Fund Golf Tournament which was held at the Chapman Golf Club on 23 September in Harare.

Over twenty companies and organisations participated in the tournament which was held to raise funds for the Vice Chancellor's Innovation and Scholarship Fund.

The tournament format was the Four Ball-Better Ball Alliance and participants were drawn from the Institute's stakeholders, Senior Management and staff.

The Gifts and More team emerged the overall winners with 108 points, while the AMG Global Chartered Accountants team came second with 107 points. Tri Spirit team was on third position with 105 points.

Mr M. Haatendi of the Zimbabwe Newspapers Group had the longest drive to the eighteenth hole while Mr M. Pondaponda of Powertel had the nearest shot to the pinhole at the eighth hole.

Speaking on behalf of the Vice Chancellor, Eng. Q.C. Kanhukamwe during the prize giving ceremony, the Dean of the School of Business and Management Sciences, Mr W. Gwarimbo said the Innovation and Scholarship Fund seeks to generate the much needed resources to realise the Institute's mandate as well as to position HIT as the leading institution spearheading Zimbabwe's technological revolution.

"I believe that with your support today and in the future, we will be able to reach our goal. Let me express my sincere appreciation to all our stakeholders who have contributed to this fund in one way or the other. It is your support that will enable us to provide a conducive learning environment for our students," he said.

The HIT Vice Chancellor's Innovation and Scholarship Fund Golf Tournament is held as a fundraising project and a platform to interact with stakeholders. Funds generated through the Golf Tournament are to fund intelligent but financially challenged students, Capstone Design Projects with the potential for commercialisation as well as procuring equipment for workshops and laboratories.

The inaugural Vice Chancellor's Innovation and Scholarship Fund Golf Tournament was successfully held at the Borrowdale Brooke Golf and Country Club in Harare on 29 May 2015.



The Gifts and More team who were the overall winners of the HIT Vice Chancellor's Innovation and Scholarship Fund Golf Tournament with 108 points receiving their prizes.

HIT HOSTS SADC RESEARCH AND INNOVATION MANAGEMENT WORKSHOP



HIT Vice Chancellor Eng. Q.C. Kanhukamwe (left) officially opening the SADC SRIM workshop at the Harare Institute of Technology.

The Harare Institute of Technology hosted a 5 day Mentorship programme on Technology Transfer under the theme, Strengthening Research and Innovation Management (SRIM). The workshop was held from 26-30 September and was funded by the South African Department of Science and Technology (DST) and implemented in partnership with the Southern African Research and Innovation Management Association (SARIMA), and the Southern Africa Development Community, (SADC).

14 participants from the Harare Institute of Technology, Bindura University of Science Education, the National University of Science and Technology and the Women's University in Africa attended the workshop.

The aim of the workshop was to impart knowledge and skills required to establish or improve Technology Transfer processes. The workshop covered issues to do with models of technology transfer; how to set up a Technology Transfer Office (TTO), institutional support for nurturing TTOs, challenges and opportunities in

setting up a TTO, establishing relationships with firms and community actors, mobilizing university-based research into practical and societal applications, generating new funding support from sponsored research, among others.

The SADC SRIM workshop was officially opened by the Vice Chancellor of the Harare Institute of Technology, Eng. Q.C. Kanhukamwe. In his remarks, the Vice Chancellor underscored the importance of research and innovation in the development of the University. He also registered his appreciation to the funders of the workshop.

TELONE EXPLORES AREAS OF POSSIBLE COLLABORATION WITH HIT



TelOne Chief Executive Officer Chipo Mutasa hands over a gift to Vice Chancellor Eng Q.C Kanhukamwe . She was on an exploratory visit to find areas of possible collaboration with HIT.

SANBIO ZIMBABWE STUDENT AMBASSADORIAL TEAM VISITS THE SANBIO FISH NODE



The Zimbabwe SANBio Student Ambassadorial team during a visit to the Malawi Fish Node at Lilongwe University of Agriculture & Natural Resources (LUANAR)

The Zimbabwe SANBio Student Ambassadorial team, led by Joyce Fati Masvaya recently visited the Malawi Fish Node at Lilongwe University of Agriculture & Natural Resources (LUANAR) to familiarise with ongoing projects that could also be undertaken by youth in Zimbabwe; as an initiative to involve the youth in food security and food production.

Masvaya, the SANBio Zimbabwe's Student Ambassador led a team of 10 students from the Harare Institute of Technology's Department of Biotechnology and the University of Zimbabwe's Biosciences Department on a 4-day trip to Malawi.

The Fish Farming Training was held from 9 to 12 August.

"With the knowledge acquired from the

Malawi Fish Node, our team looks forward to initiating Youth Development Projects which can improve young people's livelihoods through biosciences in Zimbabwe. The new projects will focus on fish farming and mushroom production," said Masvaya.

The team also had an opportunity to engage with Deputy Vice-Chancellor of Lilongwe University of Agriculture & Natural Resources (LUANAR) Prof. Emmanuel Kaunda, who enlightened the students on the importance of hands-on skills and encouraged the team to undertake research which impacts on livelihoods of local communities.

The Zimbabwean students hope to continue networking with students from different countries to come up with solutions for Africa. Plans are under way to conduct more visits to

various SANBio Node projects with other student ambassadorial teams from Malawi and South Africa later this year.

The role of the SANBio Student Ambassadors is to innovate and implement bioscience-related activities that are aimed at raising awareness, improving the livelihoods of the youth and encouraging the networking of students undertaking bioscience courses in the region.

The team comprised of Joyce Masvaya, Adrian Musengi, Tariro Matarirano, Tagarika M Maruza, Sarah Z Mariwo, Vavariro Chipunza, Caroline Chindodo, Tendai Gukuta from the Harare Institute of Technology's Department of Biotechnology, Mellisa Chimuchembere and Chido Lisa Banda from the University of Zimbabwe's Biosciences Department.

RUSSIAN DELEGATION VISIT



A delegation from the People's Friendship University of Russia in Moscow and the Russian Embassy in Zimbabwe during a visit at HIT to explore areas of possible collaboration between the two Universities.

21 “A” LEVEL STUDENTS GET STEM PRIZES



Ambassador Dr Machivenyika Mapuranga, the Permanent Secretary for Higher and Tertiary Education, Science and Technology Development (left) and winners of the Ipad prizes at the the STEM Initiative Awards Ceremony for the Harare Metropolitan Province held at HIT.

Twenty one Lower Sixth students from the Harare Metropolitan Province under the STEM Initiative received awards at the Science, Technology, Engineering and Mathematics (STEM) Awards Ceremony held at the Harare Institute of Technology on 16 September.

The awards were a culmination of a draw conducted in April at the Rainbow Hotel in Bulawayo for students and schools participating in the STEM Initiative through the enrolment of relevant subjects.

Tinashe Musinganeti from Kuwadzana 2 High won a trip to Silicon Valley in the United States of America, while 10 others each won laptops and another 10 walked away with iPads.

Speaking at the ceremony, Junior President Tiney Mbavari encouraged the prize winners to use the laptops and iPads for research and school purposes.

“The prizes given out here today are not for you to

waste on social interactions but rather to increase your spectra in the science field.

“I encourage you to put them to good use so you can help Zimbabwe in the near future as you will become employers and entrepreneurs,” said the Junior President.

Permanent Secretary for Higher and Tertiary Education, Science and Technology Development Ambassador Dr Machivenyika Mapuranga said the awards encouraged young people to take part in rebuilding the country’s economy.

“Government has taken the STEM prizes draw as an incentive for the uptake of STEM subjects by students and will continue supporting them in their study career paths at the country’s higher and tertiary education institutions.

“Stemitising A-Level students is a sure strategy to guarantee the nation of future graduates

empowered to industrialise the economy,” said Ambassador Dr Mapuranga.

The laptop winners are Amanda Yevedzo (Dzivarasekwa 1 High School), Brendon Chikaya (Mufakose 1), Tsitsi Biza (St John’s Emerald Hill), Natasha Kahari (St Peter’s Kubatana), Kudzai Maguza (Tafara 1), Ronald Sawi (Zengeza 1), Munashe Meki (Prince Edward), Marlon Kachuwa (Harare), Raphel Maluwati (Harare) and Moreblessing Chadenganga (Mufakose).

The iPad winners are Beryl Dube (Tynwald), James Maitosi (Dzivarasekwa 2), Arnold Chipuna (Dzivarasekwa 2), Pelagia Majoni (Queen Elizabeth Girls), Edspartia Mufandaedza (Ellis Robins), Nannette Mapinda (Mabelreign Girls), Takudzwa Guhwe (Glen View 1), Alic Ropafadzo Chisango (Harare Girls), Shumirai Chako (Queen Elizabeth Girls) and Tinodashe Jinger (Glen Norah 1).



Winners of the Laptop prizes (left) and Tinashe Musinganeti from Kuwadzana 2 High (right), who won a trip to Silicon Valley in the United States of America.

PROFESSOR EKWERIKE CHALLENGES STUDENTS TO BE INNOVATIVE



Professor Alphonsus Ekwerike

Professor Alphonsus Ekwerike, a United States based clinical researcher and motivational speaker conducted a public lecture for pharmaceutical technology students on

Innovation and Invention Technology.

Professor Ekwerike challenged the students to start innovating and making inventions to avoid looking for jobs after completing their university studies. "You are at the best institution ever, you must be proud of your institution and be proud of what you are. Be curious and find something to invent. Commit yourselves to innovations and be the first to create employment," said Prof Ekwerike.

WEDB Financial Services and the Department of Pharmaceutical Technology facilitated Prof. Ekwerike's visit to the Harare Institute of Technology.

Prof Ekwerike teaches the new cognitive neuroscience programme course called

Innovation and Invention Technology that focuses on breeding inventors to fight unemployment, poverty and diseases. This programme has been successful in a number of countries such as the United States of America, Nigeria, Uganda and the United Kingdom.

The Innovation and Invention Technology Programme teaches empirical techniques to innovate new technologies, commerce, leadership ideas and education. Students are taught to use what is in their mind and in the process create an innovative pathway to eradicating unemployment and poverty assuring immediate self-employment as an inventor.



ZRP HIGH SCHOOL INAUGURAL CAREER'S FAIR DAY



The Harare Institute of Technology participated at the Zimbabwe Republic Police High School's inaugural Career's Fair on 30 September.

STUDENTS REPRESENTATIVE COUNCIL COMMITTEE 2016/17

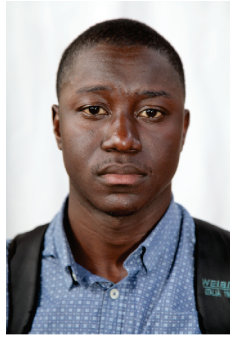
A new Student Representative Council and Assembly Committee was recently elected into office. The following students were elected into the Harare Institute of Technology Students Representative Council and Assembly Committee 2016/17;



Darios Madhighi
PRESIDENT



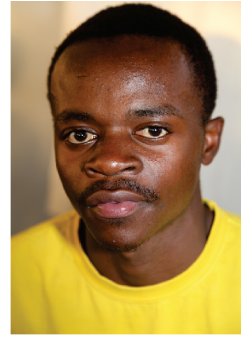
Tagarika Maruza
VICE PRESIDENT



Kudzai Kangwende
SECRETARY GENERAL



Lynet Svtwa
TREASURER



Panashe Tsuro
SECRETARY FOR LEGAL
AFFAIRS



Tatenda Mukumbi
SECRETARY FOR ACADEMICS



Tsitsi Sithole
SECRETARY FOR EQUITY



Nenyasha Masendu
SECRETARY FOR SPORT



Kenneth Chiworere
SECRETARY FOR ENTERTAINMENT

ZIMBABWE DEFENCE COLLEGE COURSE 5/2016 VISIT



Officials and participants of the Joint Command Course Number 5/2016 from the Zimbabwe Defence College during a fact finding visit on 27 September.

HIT @ RIO-SET EXPO 2016 IN PICTURES



HIT Exhibition team at the RIO-SET Expo 2016 held at the National University of Science and Technology in Bulawayo where the Institute came second on Universities exhibitions while NUST scooping the first prize.