



## Celebrating Innovation: championing Technopreneurship

AUGUST 2015

### HIT HOSTS 10<sup>th</sup> ANNIVERSARY CELEBRATIONS



Guest of Honour ZIMCHE Chairman Professor Christopher Chetsanga (right), HIT Board Chairperson Dr Gibson Mandishona (middle) at the HIT 10<sup>th</sup> Anniversary Main Celebrations event and HIT Vice Chancellor Engineer Quinton Kanhukamwe (left) addressing the gathering.

The Harare Institute of Technology marked its 10<sup>th</sup> Anniversary celebrations on Thursday 27 August at the Institute campus in Belvedere.

Government officials, foreign envoys, captains of industry and commerce, representatives from fellow universities and tertiary institutions and the students and staff of the Harare Institute of Technology attended the event.

Guest of Honour at the event, Chairman of the Zimbabwe Council for Higher Education, and renowned academic, Professor Christopher Chetsanga, extolled HIT for delivering on its mandate and for making a significant contribution to the development of the Zimbabwe.

The Vice Chancellor of HIT, Engineer Quinton Kanhukamwe outlined the development path that the institution had taken since its inception in 2005 and the host of achievements under the Institute's belt.

Several speakers offered congratulatory messages to HIT, including the Student Representative Council, the Workers' Union, Academic Staff representatives, the Zimbabwe Council for Higher Education, (ZIMCHE), Chinhoyi University of Technology Vice Chancellor, Professor D.J.

Simbi representing Zimbabwe's universities and Steward Bank CEO, Dr Lance Mambondiani.

In his welcome address, the Board Chairman, Dr Gibson Mandishona hailed the Institute for the tremendous inroads it had made and for "exclusively focusing on the furtherance of the HIT mandate.

"We have much to celebrate, our emergence and leading voice on the national stage as a critical player in Zimbabwe's technological revolution, our clear articulation of the HIT mandate, our uncontested space in the community of universities in Zimbabwe and our contribution to the human intellectual capital base of Zimbabwe.

After a vote of thanks by the Institute's Registrar Mrs Mary Samupindi, the HIT Vice Chancellor Eng. Kanhukamwe led the delegates to a mini exhibition where the Institute was showcasing its research, intellectual and development projects.

The phenomenal HIT choir provided a unique blend of acappella music and rap, complemented by the Air Force of Zimbabwe Brass Band.



Part of the gathering at the HIT 10th Anniversary Celebrations entertained by the phenomenal HIT choir.

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# PUBLIC WORKSHOPS MARK COMMEMORATIVE ACTIVITIES



Part of the key speakers and the public workshops held from 24 to 26 August 2015 to mark the HIT 10<sup>th</sup> Anniversary Celebrations. The workshops were centred on various technologies and were hosted by Institute's schools.

**H**arare Institute of Technology's 10<sup>th</sup> Anniversary Celebrations were marked by several public workshops from 24 to 26 August 2015. The workshops were centred on various technologies and were hosted by the Schools of Engineering and Technology, Industrial Sciences and Technology and Information Science and Technology Business and Management Sciences.

A Food Inspection Seminar was held on Monday 24 August, 2015 exploring various areas in food technology. The seminar covered issues concerning food regulations and inspections, Hazard Analysis and Critical Control Points (HACCP) and risk-based food inspections, violation identification, citation and documentation as well as communication and foodborne illness investigations.

On Tuesday 25 August, 2015, the School of Information Science and Technology held a workshop under the theme- Emerging Technologies in ICTs covering issues of cloud computing and security, data warehousing, big data and security, detection of malware using machine learning techniques, virtual firewall security on virtual machines in cloud environments, scanning tool for the detection of images embedded with malicious programmes and

android mobile forensics analyser for stegno data.

Running concurrently was the School of Industrial Sciences and Technology's workshop on Sustainable Technologies. The workshop discussed perspectives on value addition of food, the future of food technologies in Zimbabwe, commercialisation of Zimbabwean medicinal seed-bearing plants, challenges and opportunities in the local pharmaceutical industry, biofertilisers and prospects for Bavar 2 biofertiliser, conversion of abattoir waste into biofertiliser and the use of tissue culture and virus elimination for poverty eradication and ensuring food security for small scale farmers.

The School of Engineering and Technology and the School of Business and Management Sciences also held their workshops on 26 August 2015.

Held under the theme- Sustainable Design Technologies, the School of Engineering and Technology examined and discussed issues surrounding the application of industrial and manufacturing engineering in industry, technology transformation with time, polymer technologies and polymer manufacturing industries, wireless technologies, organic pollutants, effects on the environment and the role of engineers in technology

transfer and innovation as well as technopreneurial leadership.

The School of Business and Management Science's workshop running under the theme – Enhancing Business Competitiveness through Technology discussed, among others, challenges and benefits of the digitalization of the Zimbabwe Stock Exchange, impact of technology on forensic accounting and auditing, e-microfinance and crowd funding portals, use of financial engineering technologies in security markets, security and trust in mobile banking, application of e-commerce technologies in the advertising industry as well as web-based applications.

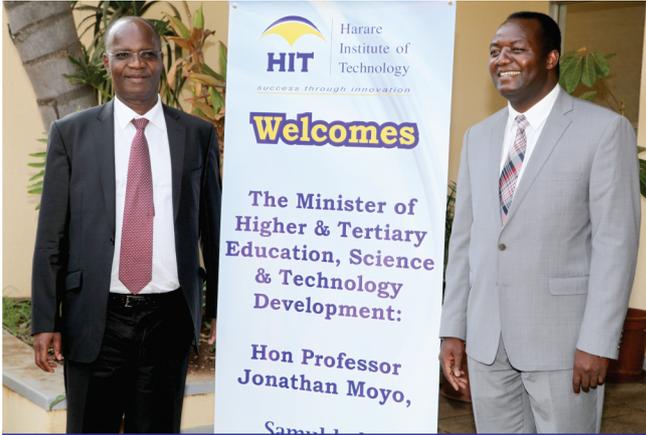
“The workshops inspired prospects for collaborative research across departments and with industrial partners”, said Professor L. Tichagwa of the School Engineering and Technology.

The schools noted the diversity of research specialties available at HIT and how researchers can be brought together to share ideas across disciplines.

Representatives from Industry, Commerce and the University facilitated the workshops.



# MINISTER MOYO INAUGURAL VISIT TO HIT



Minister of Higher and Tertiary Education, Science and Technology Development Honourable Professor Jonathan Moyo being welcomed by HIT Vice Chancellor Eng. Q.C Kanhukamwe (right) and later in a meeting with senior management staff.

**M**inister of Higher and Tertiary Education, Science and Technology Development Honourable Professor Jonathan Moyo made his inaugural visit to the Harare Institute of Technology on 25 August where he met senior management and toured the Institute's campus.

Professor Jonathan Moyo's visit was to familiarise with the Institute, its research and intellectual works, milestones and aspirations, challenges and to identify areas of mutual interest.

"We have very high expectations of HIT because of its mandate and obviously the good work that the institution is doing and we are fortunate to come during your 10<sup>th</sup> Anniversary Celebrations when you are showcasing your works. We congratulate you on your 10th Anniversary", he said.

"We have more than conventional interest in this Institute's success and we will do everything to make you succeed and we know that HIT is set up for it as it inspires a lot of confidence," said Professor Moyo.

HIT Vice Chancellor Eng. Q.C Kanhukamwe apprised the Minister of the Institute's Ten Point Plan, mandate, research and development works, staffing, fellowship development, student enrolment, budgetary and funding issues and strides made in the commercialisation of technology and intellectual property (IP) registration of patents and copyrights.

The Vice Chancellor led a tour of the campus where Professor Moyo was shown a number of research and development projects across the various departments and workshops. The Minister pledged to fund some research and production works that will generate more income for the Institute and assist in the discharge of its mandate.



Professor Jonathan Moyo during a tour of the the Institute campus led by HIT Vice Chancellor Eng. Q.C Kanhukamwe.

## STEWARD BANK SET TO PARTNER HIT



Dr Lance Mambondiani  
C.E.O Steward Bank

Steward Bank Zimbabwe, an innovative financial services provider is set to partner the Harare Institute of Technology in graduate training programmes, sponsoring an innovation and entrepreneurial academy through competitions and providing scholarships for students at internationally acclaimed universities.

The bank's Chief Executive Officer Dr Lance Mambondiani revealed this in his congratulatory speech during the Institute's 10<sup>th</sup> Anniversary Main Celebrations held on 27 August 2015. Dr Mambondiani, who was representing industry and commerce, said

the Bank was interested in mentoring Innovative graduates, able to come up with brilliant ideas, which could change the face of the nation. "We are more interested in innovation than banking and we are very passionate about financial services and partnering with HIT. We would like to partner with HIT by sponsoring an innovation and entrepreneurial academy and competitions amongst HIT students to make sure that we come up with innovative ideas that have the potential and the capacity to develop not only HIT, but the entire nation", he said.

He added that Steward Bank is going to set up a Graduate Training Programme to identify hardworking students capable of transforming the nation. He also pledged to support the Institute's students to access the Econet Higher Life Foundation Scholarship programme for studies in various universities abroad.

"We are very excited to be partnering with you because we know that you are positioned to provide us with those students who can innovate in highly specialised areas. We want to make sure that we are sponsoring or funding highly talented students from this Institute and we would like to hold their hands while working

productively with them through internships", said the bank's Chief Executive Officer Dr Lance Mambondiani.

He also encouraged students and members of the academic staff to register for various financial services with Steward Bank and enjoy various various e- learning packages and information and communication technology accessories provided by Econet.



**STEWARD BANK**  
Your Money Our Commitment

## DEAN MUREDZI SCOOPS THE "EDUCATION LEADERSHIP AWARD"



Mr Perkins Muredzi, the Institute's Dean in the School of Industrial Sciences & Technology proudly displays his "Education Leadership" global award.

Mr Perkins Muredzi, the Institute's Dean in the School of Industrial Sciences & Technology was awarded the "Education Leadership" global award by the Chartered Institute of Management Accountants (CIMA) at the World Education Congress that took place in Mumbai, India.

The award is in recognition of his works in championing the development of the Institute's Intellectual Property Policy and advocacy work that enables IP registration in teaching departments.

In the citation, the organisers of the World Education Congress credited Dean Muredzi for his astute leadership in publishing, research, teaching, and faculty administration; noting his drive towards the promotion of Intellectual Property in Research Institutions.

The congress was focused on building on a vision and strategies for Higher Education Institutes and providing exposure to latest education tools, technologies and solutions.

Dean Muredzi was recently elected the Vice Chairman of the Zimbabwe Intellectual Property Development Trust, which is focused on championing the development of intellectual property policy, and advocacy work that enables IP registration.

Mr Muredzi is an intellectual property (IP) consultant with knowledge in patent drafting, specification, searching, and IP auditing and registration.

He said his achievement did not come on a silver platter, but is a result of hard work, discipline and the desire to develop his people and the nation at large.

# HIT 10TH ANNIVERSARY MAIN CELEBRATIONS IN PICTURES

