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HIT BOARD CHAIR THROWS DOWN GAUNGLT



The 16th HIT Board Meeting in session

The Harare Institute of Technology Board Chairman, Dr Gibson Mandishona has challenged fellow board members and the senior management team to deliver to national expectation. He posed the challenge during the 16TH Institute Board meeting held on the 28th January 2014, which coincidentally was the first meeting for this year.

In his remarks, Dr. Gibson Mandishona congratulated his colleagues for being reappointed to the Harare Institute of Technology Board for another three-year period.

“Let me take this opportunity colleagues, to appeal to each one of us to appreciate the huge responsibility placed upon us by the government. Colleagues, it is government's expectation that we steer the HIT ship within the broader framework of the national developmental agenda as articulated in the Zim-Asset blueprint. As we dispense our oversight role, let us be cognisant of the government's thrust towards the attainment of tangible deliverables from universities in general and HIT in particular”, said Dr. Gibson Mandishona.

Dr Mandishona reminded his colleagues that their role is to ensure that in terms of policy direction, the Institute delivers on its Mandate while being largely informed by the four tenets of Zim-Asset. “As the Board, we note the

progress made by the Institute during the course of 2013 and the accolades it received. We urge Management not to rest on these laurels but to use these as the impetus for further qualitative growth and expansion of the Institute. Management is urged to fully exploit the PPPs framework provided by the government to mitigate depressed funding from the fiscus which will continue to be a feature of the economic landscape in the foreseeable future”, he said.

“Let me remind Management that Zim-Asset calls for strategic and innovative leadership and I believe the team that we have in place will be able to deliver to the Board and government's satisfaction”, said Dr Mandishona.

In his remarks, the Acting Vice Chancellor Eng. Q.C Kanhukamwe assured the Board that his team will, notwithstanding the limited financial resources deliver on the mandate. He said he was cognizant of the Institute Board's expectations in terms of the extent to which the Institute has raised staff awareness of, as well as its readiness to respond to the Zim-Asset framework. “We have already convened the Academic Leadership Forum meeting to strategise in terms of aligning the Institute's Strategic plan, Designing the Future to ZimAsset national agenda. Departments have already drawn up their 2014 Tactical Plans

that have been informed by ZimAsset. This is being done to ensure that Institute remains relevant and operates in tandem with national aspirations as articulated by the government's developmental plan”, said the Acting Vice Chancellor.

He also noted that the Institute's outlook for 2013 was greatly curtailed by the depressed financial support from the fiscus but solutions for 2014 were being crafted. “The programmes that are offered by the Institute are equipment and consumables intensive, requiring substantial operational resources. The Institute does not have the option for massive enrolment as a source of revenue generation. However, Management is interrogating other funding options to ensure operations continue to run”, he said.

Eng. Kanhukamwe also advised the institute board that the Institute has identified potential financiers for infrastructural development in the face of dwindling fiscal support. He said that the proposals are currently being worked upon and this initiative will assist in the operationalization of the HIT Master Plan.

Contents

Page

HIT Board Chair throws down gauntlet....	1
Solar Water Heating Plant officially handed over to HIT.....	2
HIT staff join ACM & IEEE.....	3
HIT: Shooting Star.....	3
HIT joins Oxford Club of Rectors.....	4
Student scoops the Boost Enactus Fellow of the year award.....	4



INNOVATION

LEADERSHIP

INTEGRITY

COMMITMENT

PROFESSIONALISM

SOLAR WATER HEATING PLANT OFFICIALLY HANDED OVER TO HIT



Part of the Pilot Public Solar Water Heating System at HIT



Deputy Minister of Energy and Power Development, Hon. Munacho Mutezo and Republic of Korea ambassador to Zimbabwe, His Excellency Mr Lew Kwang-Chul shaking hands after signing the handover agreement(Left), and later on joined by the Deputy Minister of Higher & Tertiary Education, Technology and Science Development Dr G. Gandawa, having a feel of the hot water in one of the campus hostels (Bottom right)

The Deputy Minister of Energy and Power Development, Honourable Munacho Mutezo has officially handed over the Public Solar Water Heating Pilot Project to the Harare Institute of Technology.

Speaking at the handover ceremony, Deputy Minister Munacho Mutezo said his Ministry intends to promote the extensive use of solar geysers in all new housing schemes and offices, which is expected to cut power consumption by forty percent.

"The Zimbabwe-Korea partnership would see 100 commercial solar power generating units being installed in the first phase of the national projects. This development means that we will cut energy consumption on the national grid by forty percent and hope all public institutions will have these installations," said Engineer Mutezo.

This follows the successful commissioning of two solar water heating pilot projects at the Harare Institute of Technology (HIT) and the

United Bulawayo Hospitals (UBH) in 2013.

The Pilot Public Solar Water Heating System Project was funded by the Government of the Republic of South Korea through the Korea International Cooperation Agency (KOICA) working in collaboration with the Ministry of Energy and Power Development, Public Works, and Higher and Tertiary Education, Science and Technology Development.

The Republic of Korea Ambassador to Zimbabwe, His Excellency Mr Lew Kwang-Chul said his country is willing to partner the Zimbabwe government in the harnessing of renewable energy. "As the Republic of Korea, we are looking at the expansion of the water heating project and are confident in the Zimbabwean government's commitment. We will be working on 100 commercial units soon," he said.

Mr Lew Kwang-Chul said that the Republic of Korea is committed to sharing its knowledge and expertise gained through its own experiences to

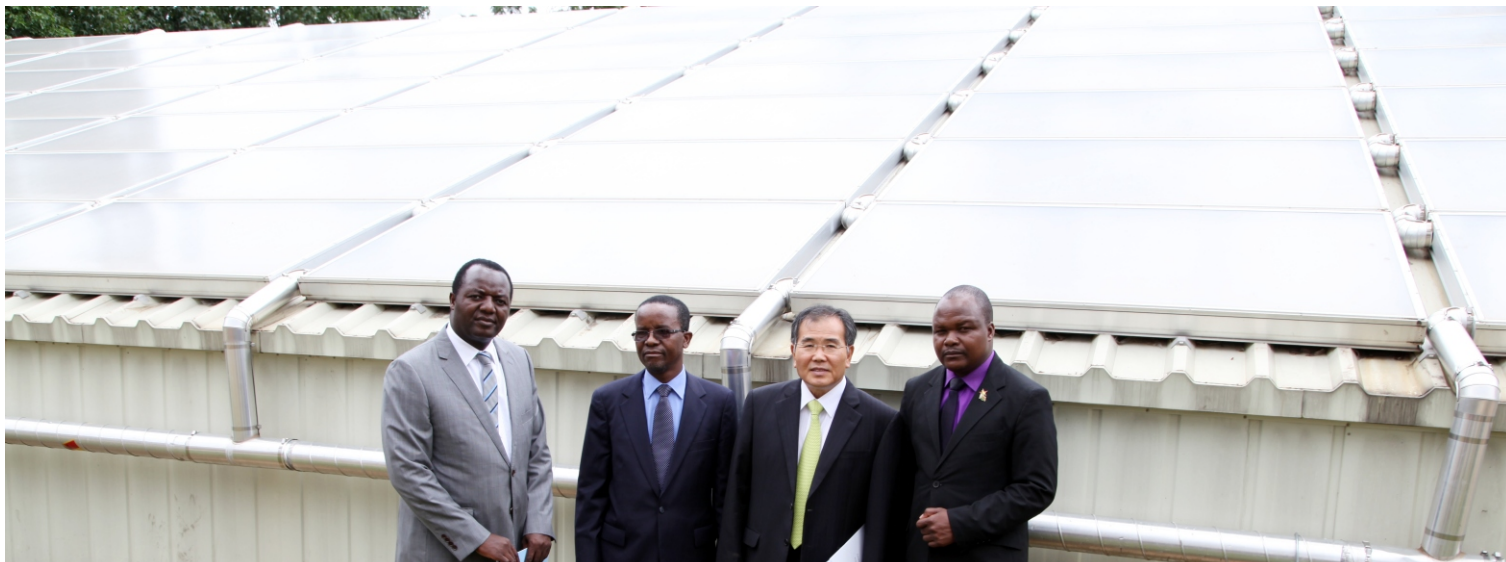
ensure the success of the development of alternative power generation in Zimbabwe hence the establishment of the Solar Water Heating Project that is being handed over today. Solar energy has become futuristic as the world is focusing on green energy sources and sustainable green growth initiatives.

HIT Acting Vice Chancellor, Engineer Quinton Kanhukamwe said the project links well with the institution's renewable energy research and is cost effective, hence the working together with the Koreans on knowledge transfer.

"This project has effectively cut our bills by about US\$2500 a month," said Engineer Kanhukamwe.

Zimbabwe lies in one of the best solar belts in the world with up to 300 days of sunshine per year.

However, the resource has been under-utilized despite the country experiencing energy challenges.



From Left. HIT Acting Vice Chancellor Eng. Q.C. Kanhukamwe, Deputy Minister of Energy and Power Development, Hon. Munacho Mutezo, Republic of Korea ambassador to Zimbabwe, His Excellency Mr Lew Kwang-Chul and the Deputy Minister of Higher & Tertiary Education, Technology and Science Development Dr G. Gandawa posing for a photograph at the Public Solar Water Heating Pilot Project.

HARARE INSTITUTE OF TECHNOLOGY STAFF JOIN ACM AND IEEE

TIn its broader policy of internationalisation, HIT staff members have joined the Association of Computing Machinery (ACM) and Institute of Electrical and Electronic Engineers (IEEE). These associations provide some of the benchmarks HIT uses in developing curriculum which have earned HIT international recognition and awards.



The Association of Computing Machinery, (ACM) is a US-based body founded in 1947. ACM is widely recognized as the premier membership organization for computing professionals, delivering resources that advance computing as a science and a profession; enable professional development; and promote policies and research that benefit society.

ACM hosts the computing industry's leading Digital Library, and serves its global members and the computing profession with journals and magazines, conferences, workshops, electronic forums, and learning centre.

HIT members of staff and students automatically fall into the various membership grades listed below:

Membership grades

In addition to student and regular members, ACM has several advanced membership grades to recognize those with multiple years of membership and "demonstrated performance that sets them apart from their peers".

Fellows

The ACM Fellows Program was established by

Council of the Association for Computing Machinery in 1993 "to recognize and honour outstanding ACM members for their achievements in computer science and information technology and for their significant contributions to the mission of the ACM."

Association for Computing MachineryInn 2006 ACM began recognizing two additional membership grades, one which was called Distinguished Members. Distinguished Members (Distinguished Engineers, Distinguished Scientists, and Distinguished Educators) have at least 15 years of profession experience and 5 years of continuous ACM membership and who "have made a significant impact on the computing field".



The IEEE is the world's largest professional association dedicated to advancing technological innovation and excellence for the benefit of humanity. IEEE and its members inspire a global community through its highly cited publications, conferences, technology standards, and professional and educational activities.

IEEE has:

- more than 425,000 members in more than 160 countries, more than 50 percent of whom are from outside the United States;
- more than 1116,000 Student members;
- 333 Sections in 10 geographic regions worldwide;

- 2,195 Chapters that unite local members with similar technical interests;
- 2,354 student branches at colleges and universities;
- 800 student branch chapters of IEEE technical societies;

The following information provides an overview of IEEE offerings and services.

IEEE's Constitution defines the purposes of the organization as "scientific and educational, directed toward the advancement of the theory and practice of Electrical, Electronics, Communications and Computer Engineering, as well as Computer Science, the allied branches of engineering and the related arts and sciences."

IEEE serves as a major publisher of scientific journals and organizer of conferences, workshops, and symposia It is also a leading standards development organization for the development of industrial standards (having developed over 900 active industry technical standards) in a broad range of disciplines, including electric power and energy, biomedical technology and healthcare, information technology, information assurance, telecommunications, consumer electronics, transportation, aerospace, and nanotechnology. IEEE develops and participates in educational activities such as accreditation of electrical engineering programs in institutes of higher learning.

HIT : SHOOTING STAR!

Best Faculty of Engineering Award



The School of Engineering and Technology received an Award for the Best Faculty of Engineering from Asian Education Leadership Awards forum for the hands on engineering and technology curriculum that meets the 21st century industrial demands whilst promoting innovation and entrepreneurship.

Visionary Leadership Award



The same forum also awarded the Vice Chancellor a visionary leadership award for demonstrating excellence in academic leadership as the leader of an Institute that has surpassed common standards in engineering curriculum. The two awards were received in Dubai.

Outstanding Contribution to Education Award

The Vice Chancellor also received an award of outstanding contribution to education in Mauritius during the India-Africa summit in recognition of the path he has chosen to strengthen relationships and build on strengths of Economic Value and Human Capital Development of Africa.

The gathering witnessed more than 400 top leaders in Banking, Education, Telecom, Pharmaceuticals, Oil and Gas, Mining, Insurance Market, Travel and Tourism, Agriculture, Manufacturing and Services Sector from the whole of Africa.

Award for Best Practices 2013

HIT also got an Award for Best Practices 2013, run by the European Society for Quality Research (ESQR), which recognizes the outstanding commitment, support and results in quality management strategies organisations. The award was given on 7 December 2013.

The European Awards for Best Practices program takes a comprehensive look at the hard work that leaders put into their companies and organizations; it recognizes the efforts of exceptional and talented employers and employees and provides motivation for continuous progress.

The European Society for Quality Research (ESQR). ESQR excels in promoting existing studies and carrying out cutting-edge researches on quality management to demonstrate the economic and social benefits of quality models to organizations. ESQR's research strategy is focused on the efficiency of quality approaches and inventing superior new tools and techniques

for their implementation in a wide range of disciplines and sectors. It covers areas such as: customer service strategic product development and performance measurements.



The HIT Acting vice chancellor Eng. Q.C. Kanhukamwe receiving an award of outstanding contribution to education in Mauritius during the India-Africa summit.

HIT JOINS OXFORD CLUB OF RECTORS



HIT Acting Vice Chancellor Eng. Q.C. Kanhukamwe following proceedings at the Oxford Summit of Leaders 'Science and Education'.

The Harare Institute of Technology Acting Vice Chancellor, Engineer Quinton Kanhukamwe has been admitted into the Club of Rectors (CRE), a prestigious world-wide grouping of university presidents and vice chancellors.

In their communique to the Eng. Kanhukamwe, the Oxford based institution's Director General Professor John Netting, Club of Rectors of Europe Academic Council and its President Professor Wil Goodheer expressed their deep respect for HIT's consistent efforts towards developing national science and education system, which conforms to academic development, level of research activity, participation in conferences, conformity of specialties to the requirements of international benchmarks, growing number of publications in scientific journals and effectiveness of HIT website and references in national/international search engines.

The admission was conducted during the Oxford Summit of Leaders 'Science and Education' - an annual forum of academics, university presidents/rectors and investors from around the world in the United Kingdom (UK) on 18 December 2013 at the Oxford University. CRE is a non-governmental public organisation dedicated to furthering communication and the exchange of ideas between rectors, deans and senior academics throughout the world. It draws membership from countries such as United Kingdom, Italy, Sweden, Switzerland,

Netherlands, Denmark, Portugal, Finland, Cyprus, Turkey, Nigeria, Oman, Namibia, Russian Federation, , Ukraine, Hungary, Lithuania, Macedonia and Croatia, amongst others.

The admission gives HIT the opportunity to publish scientific articles or information in the Socrates Almanac Science and Education: 'Oxford Look,' an annual publication containing the most interesting scientific researches, advanced training techniques, and promising innovative solutions and financing schemes which is presented to the library collections of parliaments and ministries, major universities, embassies, and trade missions of Europe Business Assembly (EBA). It will also have the chance to participate in the annual scientific 'Euro Education' conference at the Oxford Summit of Leaders.

It also affords the HIT community the opportunity of taking part in international scientific exchange and cooperation programmes of the CRE as well as a enjoy student internship training, including participation in the Oxford Education Centre training workshops. It also affords lecturers opportunities to publish scientific works and guidelines in the scientific and methodical collections published by other members of the Club.

STUDENT SCOOPS THE BOOST ENACTUS FELLOW OF THE YEAR AWARD



Vhaina Mazvita Mukamba, the President of the ENACTUS HIT raised the flag of the Institute high after being awarded the BOOST Fellow of the year 2013 at the recently held BOOST Fellows Graduation Ceremony.

The award, sponsored by Unilever, is given for exceptional leadership skills, good communication skills, commitment, community service and being an exemplary figure.

The ENACTUS HIT TEAM participated in the 2013 ENACTUS National Competitions coming first in the first round and qualifying for the finals along with the University of Zimbabwe, National university of Science and Technology and the Midlands State University.

Although the team did not qualify for the world cup finals, it was voted for the Most Improved University Award. The university of Zimbabwe emerged the winners qualifying for the world cup competitions.

The team embarked on community projects that were a symbol of technopreneurship impacting a large number of people in the Zimbabwean community. It comprised Vhaina as the leader, Tatenda Mbindi, Keith Baira, Harvey Gumbo, Marvin Ngwenya, Steven Dumbura, Faith Nyakudya, Clive Nyapokoto and Nyasha Mupoperi.



Dean Padenga congratulating Vhaina Mazvita Mukamba for winning BOOST Fellow of the year award.