



Prof. Henry Alinaitwe and Mr. Philippe Scholtes exchange copies of the signed MoU

cooking projects.

“EACREEE will also support and execute Renewable Energy and Energy Efficiency activities and projects which cover one or more EAC Partner States focusing primarily on activities and projects with regional impact or national projects which demonstrate high potential for scaling-up or regional replication,” he said.

The centre activities will be geared towards achieving the following outcomes

- Effective regional RE&EE promotion agency created and managed
- Policy legal and incentive frameworks to promote RE&EE aspects developed and implemented
- Capacity of the local industry and business sector on various RE&EE aspects strengthened and applied.
- Availability of investment and market data, awareness and advocacy on RE&EE are strengthened

Investments in RE&EE infrastructure, services and business are mobilized and implemented.

While launching the centre, the Minister of Energy and Mineral Development Hon. Eng. Irene Muloni said adequate renewable energy is key in promoting industrialization and subsequently achieving Uganda’s middle income status by 2020. She therefore said that the creation of this facility will support the efforts to realize this target.

“Majority of Ugandans are in the rural areas and they rely on bio mass including charcoal and agricultural waste for energy. Fortunately, 85% of the energy Uganda relies on is renewable and thus need to fully tap into its potential. Only a few of the population are connected to the electricity power and this remains a major constraint to industrial activities particularly manufacturing,” she stated.

In a bid to counter these shortfalls, Minister

CEDAT hosts first regional Renewable Energy Centre

Makerere University’s College of Engineering, Design, Art and Technology (CEDAT), is privileged to

host the first ever Centre of excellence for East African Centre for Renewable Energy and Energy Efficiency (EACREEE). Launched by the Minister (designate) of Energy and Mineral Development Hon. Eng. Irene Muloni on 11th June 2016, the Centre will contribute towards increased access to modern, affordable, sustainable and reliable energy services in Uganda and the East African region.

The Centre of excellence for East African Centre for Renewable Energy and Energy Efficiency (EACREEE) was established by the partner member states of the East African Community (EAC) with support from the Austrian Development Agency and United Nations Industrial Development Organization (UNIDO) with an aim of making sustainable Energy for All (SE4ALL) a reality

in 2030. The center is based at Makerere University’s College of Engineering, Design, Art and Technology (CEDAT) and operates through a network of National Focal Institutions among all East African States.

According to the Principal of Makerere University College of Engineering, Design, Art and Technology Assoc. Prof. Henry Alinaitwe, EACREEE is geared towards increased access to energy security and mitigation of negative externalities of energy systems (such as pollution) by creating an enabling environment for renewable energy and energy efficiency markets and investments.

Assoc. Prof. Henry Alinaitwe said that the centre will also promote all appropriate and sustainable renewable energy and energy efficiency technologies, promote small-scale and medium-scale hydro power projects, and Bio-fuel projects which prove to be sustainable and Liquid Petroleum Gas (LPG)



Hon. Irene Muloni and other delegates present inspect the projects on display at the launch

(designate) Muloni said the regional strategy is working towards wider penetration of renewable energy through its Northern Corridor Integration and Standardized High Voltage projects.

The EAC Deputy Secretary General Jessica Ariyo thanked the Austrian Development Agency and United Nations Industrial Development Organization (UNIDO) plus the Government of Uganda for their continued support toward the development of the centre to advance science and technology in Uganda when she said that,

“The center is a milestone in the integration process and needs to be taken seriously. We hope that this will facilitate a dialogue and exchange of ideas between stakeholders in the private sector within the EAC member states.”

Speaking on behalf of the Director, the Head of office -Austrian Development Agency Mr. Jean Buckley said that Austria was motivated to join EAC in establishing EACREEE due to the similar challenges and conditions both institutions face geographically and economically.

“The two institutions’ efforts are geared towards reduction in dependence on fossil energies through creating ways in which renewable energy can be developed and applied by the affected countries through institutional capacity development,” said Buckley.

Describing industry and energy as important sectors, the Director General of United Nations Industrial Development Organization (UNIDO) Mr. Philippe Scholtes said that the two sectors should stand alone if countries need to achieve sustainable development.

Mr. Philippe Scholtes said that Member states should stand for inclusive and sustainable development if they want to achieve industrial development.

“This is what UNIDO is up to and I believe we are not the only

ones in the race. The African Union adopted this. And in October 2015, the UN concluded that the general assembly of industries that anyone who wants to involve in energy activities should stand out for sustainable development. It is also important to note the COP21 in Paris last year 2015 agreed to encourage countries engage in better use of energy,” he said.

Presenting the historical background of the Centre, the Permanent Secretary for Ministry of Energy and Mineral Development Ms. Prisca Bonabantu said that the decisions to designate CEDAT as a center of excellence was arrived at by the 33rd meeting of Council of Ministers in Arusha- Tanzania on 29th February 2016.

“We chose CEDAT because of the number of innovations it has made in the area of renewable energy and energy efficiency. We have hope in the experience and dedication of Makerere University’s College of Engineering, Design and Technology staff, the objectives of the centre will be realized,” she said.

In a speech read by the Deputy Vice Chancellor for Finance and Administration Prof. Banarbas Nawangwe, the Makerere University Vice Chancellor Prof. John Ddumba-Ssentamu said that the university is ready to promote all appropriate and sustainable renewable energy and energy efficiency across East African region.

“The university has championed research in renewable energy and energy efficiency. We have over the years done solar testing for different companies, the prototype vehicle produced by students and former students of this university are powered by solar energy. I can therefore confidently say that the faith in designating CEDAT as a centre of excellence is not misplaced,” said the Vice Chancellor.

The launch was climaxed by an amazing exhibition in which entrepreneurs, staff and students of CEDAT showcased their numerous innovation like their first ever emission free- solar power bus Kayooa which was available for a drive.



Kabbo Ka Muwala Exhibition

The exhibition “Kabbo ka Muwala”, conceived as an itinerant project taking place in Zimbabwe, Uganda and Germany, artistically explored perspectives on the multitude of migration processes in and from Southern and Eastern Africa primarily through the eyes of artists from these regions. A wide range of media, including photo works, videos, mixed media, and installations will propose alternative reflections to clichéd representations of a mass exodus to the Global North.

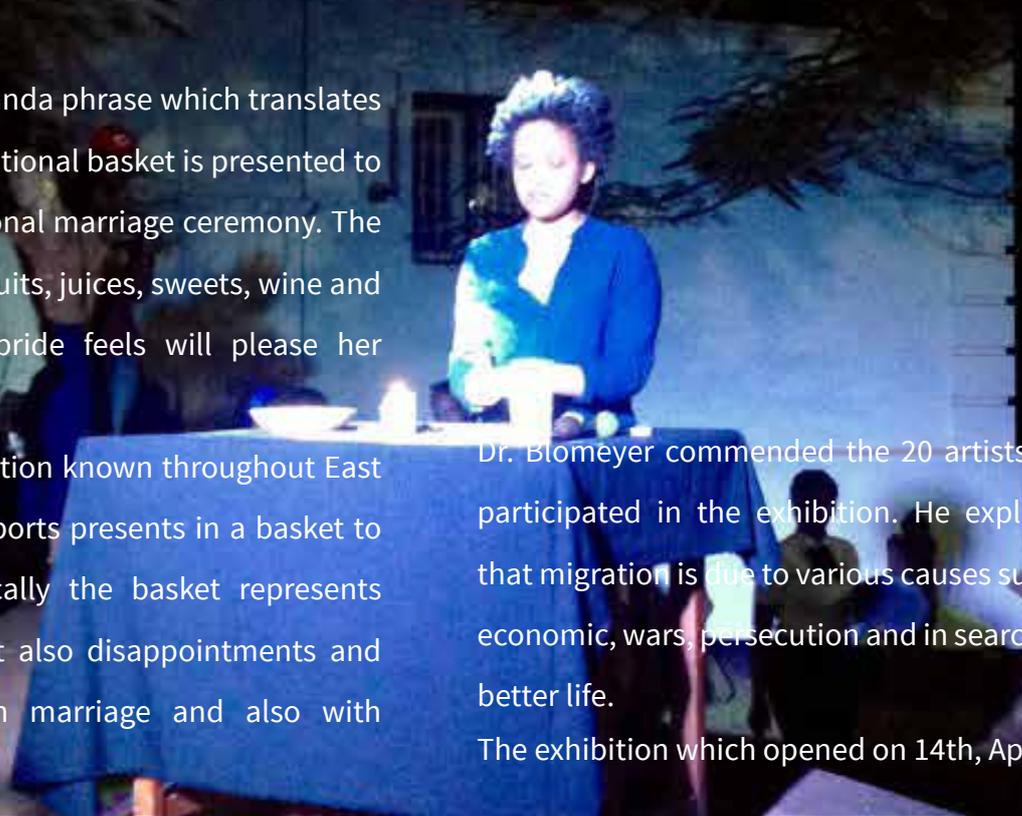
“Kabbo Ka Muwala”, is a Luganda phrase which translates as “the girl’s basket” the traditional basket is presented to the man, soon after a traditional marriage ceremony. The basket is usually filled with fruits, juices, sweets, wine and any such things that the bride feels will please her husband.

“Kabbo ka Muwala” is a tradition known throughout East Africa in which a bride transports presents in a basket to her new family. Metaphorically the basket represents expectations and hopes, but also disappointments and setbacks, which come with marriage and also with processes of migration.

With social media, the pain of migration has been reduced. Lovers are able to chat any time of the day. To this end, one of the artists exhibited a series of whatsapp messages between lovers. The messages were printed on different beautiful glass blocks. The exhibition, which started in Zimbabwe, was opened in Uganda by the Germany Ambassador, Dr. Peter Blomeyer.

Dr. Blomeyer commended the 20 artists who participated in the exhibition. He explained that migration is due to various causes such as economic, wars, persecution and in search of a better life.

The exhibition which opened on 14th, April,





2016 lasted two months and will give an opportunity to students to interact with professional artists and also gain knowledge on how to build their careers as artists.

In the Vice Chancellor’s remarks made for him by the Deputy Principal, College of Engineering Design Art and Technology, Dr Venny Nakazibwe, thanked those who came up with the idea of Kabbo ka Muwala and for choosing Makerere University to host the exhibition as an opportunity for us to learn from local and trans-national artists.

The Vice chancellor thanked the Germany Ambassador for honoring the request to officiate at the launch of the Kabbo Ka Muwala exhibition. He applauded the exhibition as a unique event. “The topic of migration is very important in our times. It brings people together in the contexts of cultures and beliefs.



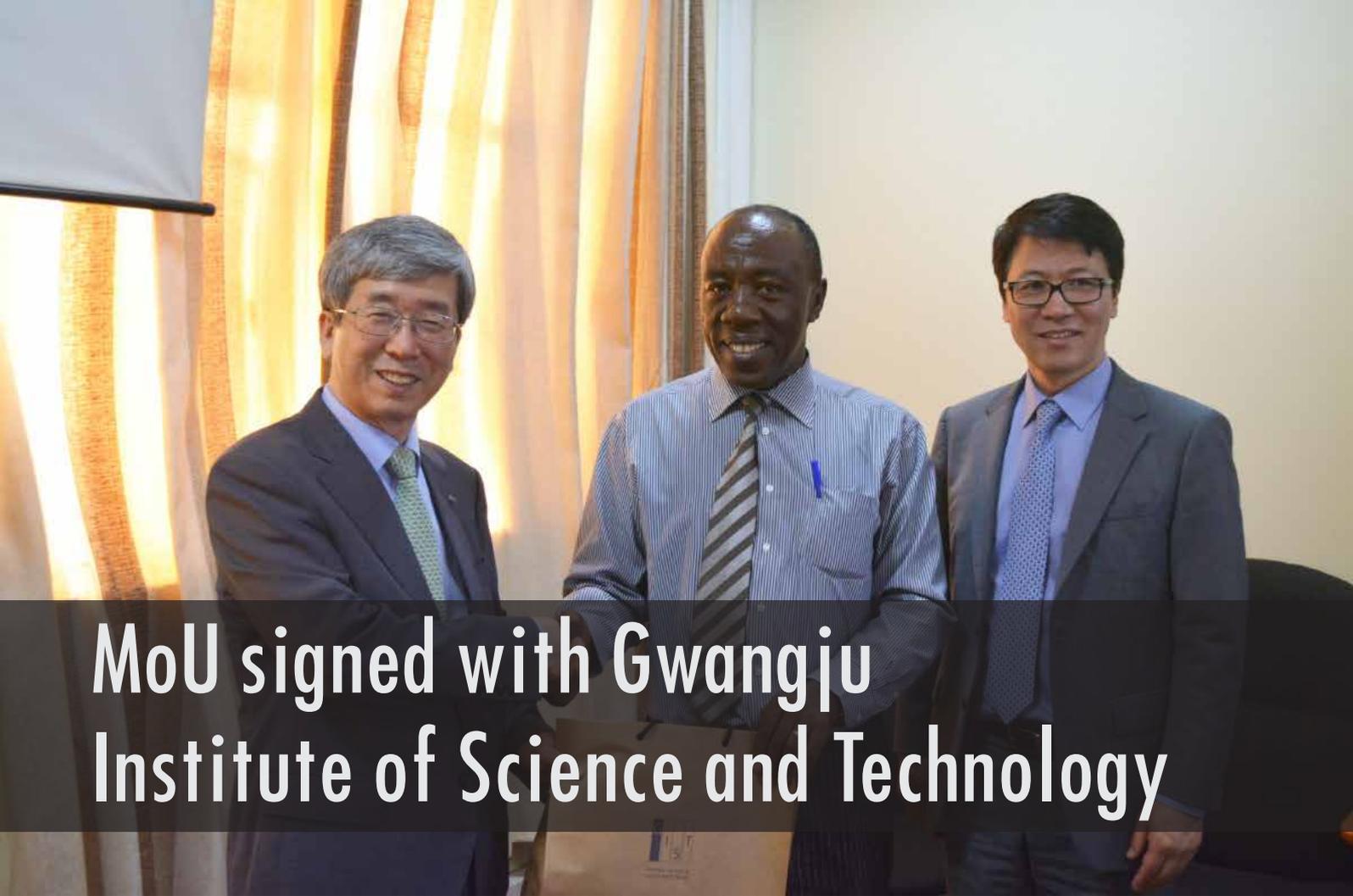
The travelling exhibition ‘Kabbo Ka Muwala – The Girl’s Basket’ presents contemporary artistic perspectives on African migration with emphasis on Southern and Eastern Africa.

Speaking on behalf of the curators Rafael Chikukwa, Curator National Gallery of Zimbabwe said” We would be jobless without artists. Artists are very important in the society.”

“The Kabbo Ka Muwala” exhibition is a joint project of the National Gallery of Zimbabwe, the Makerere Art Gallery in Kampala, Städtische Galerie (Municipal Art Gallery) Bremen, and Carl von Ossietzky University Oldenburg, Germany.

The exhibition which started on Thursday 14th closed on June 12, 2016.





MoU signed with Gwangju Institute of Science and Technology

Gwangju Institute of Science and Technology (GIST) on May 30, 2016 signed a memorandum of understanding with Makerere University in which the two universities agreed collaborate in the areas of research, staff and student exchange as well as proposal writing.

The Korean delegation met with the management of CEDAT after the signing of the MoU. The MoU was signed by the vice Chancellor, Prof. John Ddumba-Ssentamu on behalf of Makerere University and Prof. Seung Hyeon Moon, the President of Gwangju Institute of Science and Technology.

During the meeting at CEDAT, the teams discussed how best to grow this collaboration. GIST presented two avenues from which this collaboration can start. One is the Global Internship program and the International Environment Research Centre (IERC), the other, A

Global Intern Program.

IERC offers internship to postgraduate researchers in an International Environment internship program for 6 months. This offers an opportunity for training in collaboration with the School of environmental Science and Engineering.

The Global Intern program offers students from countries around the world an opportunity to stay at GIST for about six to eight weeks over the summer to receive training and carry out research. The program accepts undergraduate and graduate students. For more details on GIST and the Global intern Program please visit our website:

<https://cedat.mak.ac.ug/news/makerere-signs-mou-with-korean-university-internship-opportunities-available>

30 Mechanical Engineering students awarded certificates by Mogas



Over 30 students of mechanical engineering, on Friday May 27, 2016 received certificates after undergoing an 8-weeks training in

lubrication. The training was conducted by Mogas Uganda as part of their Corporate Social Responsibility.

The certificates were handed over to the students by the Managing Director of Mogas Uganda, Mr Mubiru Joseph Jabs. In his speech to the students, Mr Mubiru pledged the company's commitment to the training program, saying the company will also train students next academic year.

Mr Mubiru congratulated the students upon getting the training and wished them well in the employment field. He encouraged them to be

In his speech to the students, Mr Mubiru pledged the company's commitment to the training program, saying the company will also train students next academic year.

honest at their jobs.

He pledged to get jobs for a few good performing students.

The Deputy Principal, Dr Venny Nakazibwe, who represented the Principal, thanked Mr Kaconco James, the organizer of the training. She also thanked Mogas for carrying out the training and encouraged the students to carry the CEDAT flag high when they go out to work.

CEDAT will be graduating about 1,300 students in January 2017. These students have completed their last semester and will be joining the work industry.

The Head of department, Dr John Baptist Kirabira encouraged the students to effectively utilize the knowledge they acquired through the training.

Architectural graphics & basic designs

Exhibition for Year 1 architecture students 2015/2016

This exhibition showcases works of graphics and basic designs from the first year students of Architecture (Semester two, Academic year 2015/2016). Note that students are exhibiting just 20% of the work they did for this course due to lack of ample exhibition space and resources.



Each individual exhibition contains a narrative of the task that were performed to create the work pieces and there you also get to know more about the individual student. Each individual is exhibiting two rendered perspectives (2-point perspective) and a rendered pattern plus chosen Assrt work and basic design work. The perspectives and patterns were graphically drafted from models which were formed from an abstrac interpretation of the students' understanding of Architecture and why they wanted to be part of the Architecture program.





Member of the Israeli delegates performing a musical piece

Making a difference with Art

Many artists today are deeply committed to making work that addresses pressing social issues and changes the way we perceive the world. While some artists use traditional forms of visual, literary, or performing arts to make work that comments on, responds to, or advocates for the need for change, others are exploring new forms of “social practice” that engages communities in an interactive exchange. In the latter category, an artwork might take the form of a store, a garden, a meal, a website, a street performance, a story exchange, or an urban planning project. Socially engaged art can ignite outrage and demands for change, and/or provide a platform for reflection, collaboration, and building community. It can focus on the residents of a single city block, or reach out to a global audience. The projects may use any art form—visual/conceptual art, photography, new media, video, dance, theater/performance art, music, creative writing, or other forms.

It is against this background that artists gathered together to share experience and also devise ways of causing social change using art volunteering.

Many shared experience on how this has been possible and how it has impacted the



Students of The School of Performing Arts performing a ballet dance



Guests attending the conference

communities they have worked. The conference attracted over 80 participants from across the world. The two day conference was organized by the Margaret Trowell School of Industrial and Fine Art. The conference was organized in collaboration with Israeli volunteer Association Nagenda International Academy and Art and Design and Inspiration Arts for Humanity.

The conference kicked off with an opening presided over by renowned artist and UPDF General, Elly Tumwine. In his speech, Gen. Tumwine shared with the delegates, his experience as a volunteer. He told the delegates that as an Art teacher, he felt the need to volunteer for the NRA so he joined the bush war. "I will cook their tea if that all I can do to help the struggle," he told his uncle before joining the war. He said one can not want to be a volunteer without wanting to bring positive change. He quoted Plato who defines art as an imitation of nature. Gen Tumwine, however, disagrees with this definition. He describes art as a creation of what is not there for a particular purpose.

On volunteerism, Gen Tumwine shared with the delegates that we were all in the room because we believed that we can bring positive change in our communities. He said everyone has a free will, which includes all the decisions we make. Our actions, he

said, depend on what we know or what we have gone through.

This he said is what makes us unique. He quoted Robert Buckminster Fuller saying; "Never forget that you are one of a kind. Never forget that if there weren't any need for you in all your uniqueness to be on this earth, you wouldn't be here in the first place. And never forget, no matter how overwhelming life's challenges seem to be that one person can make a difference in the world. In fact, it is always because of one person that all the changes in the world come about. So be that one person."

He called on all the participants to be that one person that brings about positive, social change in their communities. He called on all participants to take action now.

"Everyone has the free will to deploy our actions in order to improve our situations. This demands awareness and taking the necessary actions in the right direction," Gen Tumwine said.

Discussants included Bruno Sserunka, Ofir Peleg, Idan Toledano, Joan Kekimuri, Dr. Kizito Maria Kasule, Tamar Dekel.

Others were Dr. Philip Kwesiga, Dr. George Kyeyune, Dr. Andrew Yiga, Zehavit Carmel, Dr Venny Nakazibwe, Prof. Sylvia Nannyonga-Tamusuza, Sara Lev and Eli Wimpfheimer.