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Exploring best Practices; KEWI and Ministry in a Benchmarking Tour



Delegation from Kenya at the Metropolitan Waterworks Authority for a benchmark training in Bangkok, Thailand.

BY ENG. EVELYNE NYAKUNDI

Kenya Water Institute (KEWI) Chief Executive Officer Dr. Leiro Letangule EBS, under the invitation of Japan International Cooperation Agency (JICA) has joined other officials from the Ministry of Water, Sanitation and Irrigation (MWSI) for a benchmarking tour at The

Metropolitan Water Authority (MWA) in Bangkok, Thailand.

The 5 days tour which is an integral component of the Urban Water Supply program aimed at bolstering the capacity of the Ministry and KEWI in minimizing Non-Revenue Water will also facilitate the exchange of insights and best practices in the implementation of training

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Exploring best Practices; KEWI and Ministry in a Benchmarking Tour

programmes by the institute. This will encompass various aspects, including classroom learning, practical exercises, and demonstrations for trainees and participant.

During the visit, technological advancement and knowledge sharing was achieved in various areas including: Human resource development and management models, asset management model, physical losses in water distribution systems, conducting site leak detection surveys among others.

The visit was also aimed at KEWI enhancing its training programmes and preparation for the anticipated JICA Third Country Training Programme (TCTP) under technical Cooperation (T/C) titled Regional Water Training For Sustainable Water Service Providers and where KEWI is expected to negotiate for mutual cooperation with Metropolitan Water Authority.

This visit comes at a time when there is a persistent water loss problem across many parts of the country, a situation which has endangered the long-term viability

of water utilities and resulting in substantial financial losses. Most water companies are currently operating at a loss due to the exorbitant costs associated with water distribution, particularly the

at identifying and rectifying sources of water loss.

KEWI which has reaped big from the insightful tour is moving with speed to incorporate advanced technologies such as remote sensing and

data analytics with its professionals seeking to streamline water distribution processes and help optimize resource allocation. By harnessing these skills and deploying them effectively, KEWI will further the agenda of a more sustainable future,



Participants follow a presentation on Water Treatment Process.

soaring electricity expenses.

The skills acquired through comprehensive training programs are indispensable assets in tackling the pervasive problem of water losses plaguing our nation.

By fostering a skilled workforce proficient in water management practices, we can proactively address leaks, infrastructure deficiencies, and inefficiencies within our water supply systems.

Through specialized training in leak detection, and pipeline maintenance, individuals can become adept

where water resources are conserved and utilized judiciously to meet the needs of both current and future generations.

Dr. Leiro Letangule EBS, was accompanied by Mr. Walter Mosesti, Non-revenue Coordinator/Trainer at KEWI, Engineer Evelyne Nyakundi, Head of Department Water and Wastewater Engineering at KEWI, Eng. Victor Njeru, Head of Non-Revenue Water Unit at the Ministry and Eng. George Bokesia, Non Revenue Water - Unit at the Ministry.

Kisumu Campus and LVSWWDA Seek to Merge their Strengths for accelerated Service Delivery



Kisumu Campus Principal Dr. Emily Chepkoech (2nd right), LVSWWDA CEO Ms. Jackline Kemunto (2nd left), Ms Eglyne Chepchirchir and Mr. Jefferson Sumancha.

BY: JEFFERSON SUMANCHA

Kenya Water Institute (KEWI) Kisumu Campus Principal Dr. Emily Chepkoech has underscored the complementary gains that are as a result of fostering strategic partnerships with organizations that pursue a shared sense of direction with KEWI.

While paying a courtesy call to Ms. Jackline Kemunto, Chief Executive Officer of Lake Victoria South Water Works Development Agency (LVSWWDA) at her office, Dr. Chepkoech has mentioned that there is the need for the two organizations to partner in training and capacity building as such move would forge a

cornerstone for mutual growth and impact. This act of pooling resources and expertise, she said, would tackle shared pressing challenges and embark on transformative initiatives within the region's water sector.

"There is the need for this inter-agency relationship as it would eliminate the need for you (read LVSWWDA) to outsource services from the private sector but instead work closely with us." Dr. Chepkoech hinted.

Dr. Chepkoech further noted that the lakeside water utility would provide a fertile ground for KEWI graduates post-study programs due to availability of internships, mentorship, and skill enhancement opportunities. Such initiatives would not only enrich the learning journey of KEWI graduates but also cultivate a pipeline of adept professionals ready to address real-world challenges.

On her side, Ms. Kemunto observed that KEWI's strategic role in capacity

building for the water sector and especially with its array of market driven short courses aligned well with the agency's objectives of continuous learning and up skilling of its workforce. She noted that if pursued, it would bolster efficiency, innovation, and sustainability in its water management practices.

The two leaders unanimously agreed that KEWI's wealth of knowledge and technical proficiency poised to provide valuable insights and solutions to the challenges encountered by the Lake Victoria South Water Works Development Agency and other stakeholders. They noted that the institute's provision of specialized services and consultancy in areas such as drilling, is second to none and has lately drawn immense attention from clients across board with even the parent ministry capitalizing on this competence to consult for its wide range of projects and services.

Dr. Chepkoech was accompanied by Ms. Eglyne Chepchirchir, Senior Human Resource and Administrative Assistant and Mr. Jefferson Sumancha, Office Administrator.

KEWI joins in Saving Lives through Voluntary Blood Donation Drive



KEWI staff and students during the Voluntary Blood Donation exercise in Nairobi Campus.

BY FAIZAH JEPKORIR

More than a hundred members of Kenya Water Institute (KEWI) staff and students fraternity demonstrated their love in a special way during this year's Valentine Day after they joined in a voluntary blood donation exercise which was conducted in Nairobi Campus.

In a daylong exercise which was organized by the institutes' Student Welfare Department-Counseling Section and spearheaded by Kenya Tissue and Transfer Authority (KTTA) Nairobi saw more than 80 units of blood donated.

While opening the exercise, Deputy Director, Academic Affairs Mr. Eric Wamiti hailed the move as the first of the many similar exercises and rallied the whole KEWI family to positively respond to such calls in days to come. His sentiment was echoed by Ms Rebecca Njeri, Head of Counseling Section who hinted that with enough sensitization forums, both students and staff would volunteer to save a life through blood donation.

"Today's positive response despite a short notice, has showed that with extra efforts, we can indeed rise up to the occasion."

The officers spearheading the exercise led by Ms Gladys Omwenga engaged the volunteers through a questionnaire and fact sheets that helped demystify a number of perceptions, a move that made the exercise easy.

"Myths around blood donation have hampered this noble exercise. However, once explained, many persons are eager to be part of the calls we make in regards to blood donation." She said.

The outpouring of generosity and compassion from both staff and students represented a lifeline for someone in need, a child battling leukemia, a mother undergoing surgery or a trauma victim in need of transfusions.

Ms. Omwenga emphasized on the need for regular blood donation, as part of acting as a detoxification mechanism for the body, and also in helping to save lives and spread hope in our community and beyond.

"One unit of blood donated can benefit up to 4 lives depending on the components prepared from the donated unit. The 82 pints of blood donated today have the potential of saving more than 300 persons who may be in dire need of blood." Ms. Omwenga added.

A Place for Connection: The Heart of Our Student Center



BY FAIZAH JEPKORIR

From the moment you step through the gate of Kenya Water Institute (KEWI), an imposing structure with flurry of activities happening within and outside it will welcome you.

It's the newest convergence zone specifically erected for students; The Student Welfare Center. Termed as a game changer in regards to how the students interact, the venue exudes warmth and energy. It's a place where friendships are forged, ideas are exchanged, and memories are made. Whether you're grabbing a

coffee between classes, studying with friends, or attending a club meeting, the Student Center is where connections come alive.

Stemming from the belief that the living experience of the students will become memorable and less burdening, KEWI leadership further understood that student life is more than just attending classes and studying. This thought bore vibrant and welcoming Student Center that now serves as the heartbeat of a campus life.

Located near the main entrance the Student Centre gives the students more confidence to explore their bubbly side of life for better results without unnecessary intrusion into other campus

daily activities. The exposure to this new facility further complements the institute's outstanding performance as an academic center and the general physical wellness of the students.

The facility hosts amenities such as a snack shops, printing services, money transfer services, and a students' cafeteria.

In addition, the Centre has an indoor sports arena consisting of indoors games ranging from darts, a pool table among others. The exterior environment boasts of well-manicured yard with well-lit gazebos depicting a student centered out-of-class experience for learners.

Whether you're a new student exploring campus for the first time or a returning student looking to reconnect with friends, we invite you to come visit our Student Center and see all that it has to offer.



Call for Application :KUCCPS Placement

BY PIUS KIMANI

Kenya Water Institute (KEWI) is set to boost its enrolment in the forthcoming May 2024 intake following the opening of the application for placement in the institute by The Kenya Universities and Colleges Central Placement Service (KUCCPS).

Following the opening of the application portal, KEWI is rallying all interested and eligible persons who may have sat for their Kenya Certificate of Secondary Examination (KCSE) between 2000 and 2023 and are seeking to pursue their water related courses at the institute to take up the opportunity.

The portal which will see thousands of students placed by KUCCPS to universities and Technical and Vocational Education and Training (TVET) centres and which KEWI seeks to use as it targets students enrolling under the Competency Based Education and Training Curriculum will remain open until February 22, 2024

As a prospective KEWI student, how do you navigate the application process? Below is a step-by-step guide

Login

Visit the student's portal at <https://students.kuccps.net>

and enter your KCSE Index Number and Year. Use either your Birth Certificate Number or KCPE index number as the Password.

Once logged in, on the menu bar at the top of the page, click the tab "Programme Lists". A list of the programmes will be displayed.

Click the programme you would wish to apply for. On the PDF document that will be downloaded separately, check and note the available programmes, their codes, previous cut-off points and other information.

On the dashboard, a summary of your chosen programs and registration details will be availed for your view.

Review and submission

On portals' menu bar, click "Application/Revision". You will see either one or two forms for submitting the programme codes at different levels.

Type the programme codes that you noted down earlier in the correct form. Allow the "Fetching Data" and "Checking Requirements" processes to complete before you submit.

After all the programmes data has been fetched and

displayed under the respective codes and which will indicate if your selections meet the minimum requirements, click SUBMIT

Payment

After clicking on SUBMIT, a pop-up box will display payment instructions. Click "HERE" to pay the indicated amount. This will prompt opening of a payment page as the new tab where you will select your preferred payment method and follow the instructions provided.

Once you receive a payment confirmation SMS, go back to the application window and enter the account number (not the M-Pesa transaction code) in the slot written "Payment REF" and the click "SUBMIT"

The system will display a notification that the application is successful. In case the process fails, repeat it but don't pay again. Instead, re-enter the account number from the previous payment and submit again.

Round Up of the Week's Events



Moments during a Classroom training on AI Leak detection equipment and non revenue water Metropolitan Water Authority, Bangkok, Thailand.



Training of Trainers for BIWAS/PWass Water Course for Women in Water Sector Powered by Promotion of Participation of Women in Kenya Water and Sanitation Sector.

Round Up of the Week's Events



A group photo of Training of Trainers for BIWAS/PWass Water Course for Women in Water Sector Powered by Promotion of Participation of Women in Kenya Water and Sanitation Sector.

Quote of the Week

“Delegation is not about getting rid of tasks; it’s about empowering others to help you achieve your goals.”

-Laura Stack.

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Long - Term Programmes

Diploma in Water Engineering Technology (DWET) Diploma in Wastewater
 Diploma in Water, Sanitation Engineering Technology (DWSET)
 Diploma in Water Resources Management Technology (DWRMT)
 Diploma in Irrigation and Drainage Engineering Technology (DIDET)
 Diploma in Information Communication Technology (DICT)-KNEC
 Diploma in Water Laboratory Technology (DWLT)
 Certificate in Wastewater and Sanitation Engineering Technology (CWSET)
 Certificate in Water Resources Management Technology (CWRMT)
 Certificate in Information Communication Technology (CICT)- KNEC
 Certificate in Water Laboratory Technology (CWLTL)
 Certificate in Water Engineering Technology (CWET)
 Drilling Operations and Management (DOM)
 Plumbing and Pipe Fitting (PPF)
 Water Operators Course (WOC) in:

- Water Supply
- Meter Reading
- Sewerage Operations

Short - Term Programmes

Use of Earth Observation Tools and GIS for Water Resources Management
 Entrepreneurship and Financial Management for Water Managers
 Operation and Maintenance of Water Supply Networks
 Metering and Installation of Water Supply Networks
 Leak Detection & Repair techniques
 Drilling Operations and Management (DOM)
 Operation & Maintenance of Pumping Stations
 Pump Selection, Installation and Maintenance
 Plumbing, Pipe Fitting and Solar Water Heating
 Instrumentation for Water and Wastewater Systems
 Water Governance, Management and Technology
 Application of GIS for Water Utilities Mapping
 Drilling Operations and Management
 Water Quality Sampling and Testing
 Microbiological Water Quality Assessment
 Integrated Water Resources Management
 Non-Revenue water
 Water Management
 Customer Care

Vision

A Technical Centre of Excellence in Training, Research, Innovation and Consultancy in the water, Sanitation and Irrigation Sector.

Mission

To offer Competency-Based Training, Research, Innovation, Consultancy and Outreach Services in the Water, Sanitation and Irrigation Sector for sustainable development.

Core Values

Good Corporate Governance
Professionalism
Customer Focus
Innovativeness
Inclusivity
Patriotism
Integrity

GET IN TOUCH WITH US

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OTHER SERVICES OFFERED

Water Quality Laboratory Services

Drilling and Test Pumping Services

Ground water Assessment Services

Conferencing Services

Troubleshooting of pumps boreholes and distribution systems

Repair of pumps boreholes and distribution systems

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