

June 24-30, 2023

KEWI'S Presence during the WASPA Conference radiates excellence



KEWI Governing Council Chairperson Brig. (RTD) Stephen Njung'e Kihu (left) applauds KEWI team after their win.

BY PIUS KIMANI

Kenya Water Institute (KEWI) has once again stamped her authority as the premier water related trainings institute following an exemplary show in the just concluded Kenya Water and Sanitation International Conference and Exhibition 2023 at Sarova Whitesands Beach Resort,

Mombasa.

Gerald Magak and the duo of Fridah and Winnie placed bar to high by leading from the front to help KEWI scoop two trophies during the gala which was hosted by Water Service Providers Association (WASPA).

The three were among the 5 KEWI students who were presenting during the

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KEWI'S Presence during the WASPA Conference radiates excellence



Fridah and Winnie receiving their trophy during the WASPA Conference.

prestigious International Conference that brought together professionals and innovators from around the world to showcase groundbreaking solutions in the field of water. The students not only showcased their talent but also brought recognition to their institution.

Gerald Magak, a standout in the university/technical category, impressed the judges with his Internet Of Things (IoT)-based smart irrigation system. His project utilized a moisture sensor in the soil, which communicated with a relay switch to activate a

pump. Once the moisture reached a specific threshold, the pump would automatically stop, conserving water and ensuring optimal irrigation. Gerald's ingenuity and dedication earned him first place in his category.

Fridah and Winnie, in the same category, secured second place with their innovative household bio septic system. Their solution offered a sustainable and eco-friendly approach to waste management, catering to the needs of rural and modern households. Their outstanding work demonstrated the importance of

environmentally conscious solutions in water and sanitation service provision.

Repha, Zipporah, and Gerald formed a formidable team that excelled in the challenging and dynamic technicians challenge, an onsite competition. Their exemplary performance impressed the judges, showcasing their technical skills and problem-solving abilities.

The students express their heartfelt appreciation to the KEWI

management for their tremendous support and facilitation, enabling them to participate in such a significant event. Their achievements serve as a testament to the institution's commitment to fostering innovation and excellence.

The students hope that their success will inspire other students to be proactive and participate in relevant extracurricular activities.

Engaging in such endeavours not only opens doors to great networking opportunities but also provides invaluable experiential learning experiences.

The International Conference

KEWI'S Presence during the WASPA Conference radiates excellence



KEWI CEO Dr. Leiro Letangule presses a point during the high level panel discussion at the Kenya Water and Sanitation International Conference and exhibition 2023

for WASPA has undoubtedly broadened their horizons and contributed to their personal and professional growth.

These remarkable young individuals have shown that passion, dedication, and a willingness to explore beyond the confines of the classroom can lead to remarkable achievements. They are an inspiration to their peers and a shining example of what can be accomplished when talent is coupled with opportunity.

In addition, KEWI Chief

Executive Officer Dr. Leiro Letangule gave his contribution on how research and development plays a significant role in driving innovation thus addressing the challenges in the water and sanitation sector.

This was during a high level plenary session on capacity development and research to invest in developing human digital capacity in the water and sanitation sector, during the conference.

WATER FACT

Running water never grows stale.



Through attaches, KEWI nurtures a generation of confident, well-rounded professionals



Ms Nana Kipruto at the KEWI Customer Care desk.

BY PIUS KIMANI

Nana Kipruto would pass like any other person sampling the great services offered at Kenya Water Institute (KEWI). But it's not the case. She is one of the young and ambitious ladies practicing in the institute as a public relations and communication attaché.

Currently based at the customer cares desk at the main reception, Nana samples the thrills of interacting with tens of guests who frequent the institution.

"Never before did I think the impact of the first hand interaction with customers who frequent this place on a daily basis was a critical aspect of my training. Seeing them feel the need of coming back again

because of how they were received and attended to on this desk is quite satisfying," says a thrilled Nana.

On this particular day, Nana confides that though interactive, the desk requires a lot of personal and social skills. She asserts that to be able to handle different clients professionally, social skills are of essence since a slight mishap may earn her and the institution a negative review which would ultimately cost the reputation of the institute.

"I have had situations where I have interacted with unruly clients. But bringing on board my theoretical knowledge and with the guidance from my supervisor, I have learnt how to handle all kinds of client's satisfactorily.

The 4th year Applied Communications student at Multimedia University has also gained much on the ground experience in other critical areas related to her studies.

She has been contributing to article writing for the Institute's Weekly Newsletter. This has really made her build up on her prospects of an all round career as a media and communications practitioner.

"I must say, my experience in KEWI has been truly enriching, especially through my time with the Corporate Communications team. The learning and experiences have not only shaped my professional growth but have also given me a deeper appreciation for the power of effective communication in today's corporate world." says Nana a student attachee for Corporate Communications

Students attached in the Corporate Communications program have improved their writing and public speaking abilities. They have collaborated closely with the communication team, providing support with event planning, press release authoring, and social media content creation.

Through attaches, KEWI Nurtures a Generation of Confident, Well-rounded Professionals

content creation.

Through this exposure, they have discovered the critical role that effective communication has, in advancing the institute's initiatives and upholding good public relations.

Sabra displays a calm mien as she sweeps her eyes up and down a computer on her desk. She intermittently records something on a notebook on her desk. She then stops temporarily and gives me her ears.

Two months since she joined KEWI as an Information Communication Technology (ICT) attaché, the zealous and calm lady has gained invaluable knowledge of what happens in the daily life of an ICT practitioner in a busy and demanding workplace.

"It has been a great experience. Interacting with the experts working in the industry is really helping shape my perception in regards to how things are done."

Since she arrived, Sabra has been holed up at the ICT department, helping in various chores that pertain to the office. With the recent step of KEWI upgrading its computer software and sections of computer hardware, Sabra has remained a very critical personnel.

"Upgrading of computer

systems without interrupting the flow of services within the institution really got me excited. It was an eye opener."

The ICT department has exposed students on practical attachments to cutting-edge technologies in use at the institution and provided them with practical training in managing and troubleshooting computer systems.

Sabra and others in the same department have provided technical support to IT personnel and helped the team with network management and software setup.

This exposure has seen them improve tremendously on their problem-solving skills and adapt to the quickly changing information technology industry because of the attachment.

Sabra is quick to note that, "My experience has been truly transformative. It has provided me with a unique opportunity to apply my theoretical knowledge in real-world setting and gain valuable practical insights into the ICT industry.

Working alongside seasoned professionals and experts in the field has been an incredible learning experience."

Students have gained significant practical skills and a well-rounded exposure to several departments as a result of their industrial connection at KEWI.

It has improved their professional growth and made them more ready for upcoming careers in their respective sectors.

Students have been able to apply their theoretical knowledge in real-world settings thanks to the practical experience and mentoring they have gained during this attachment, which has increased their competence and confidence in their chosen professions.



E-pivot Project Review and Monitoring Mission



E-Pivot team during the visit at KEWI Chiakariga Campus.

BY DORINE EVA

Kenya Water Institute Chiakariga Campus hosted a Nuffic Orange Knowledge Programme (OKP) project review and monitoring mission from 16th to 21st June 2023.

The mission was conducted by the Dutch team led by Armand Gaikema, the Regional Programme Manager, Nuffic Programme Management and Monitoring together with OKP focal persons from Meru University.

The Principal Campus, Mr. Jacob Gitonga and Ag. Principal Planning Resource Mobilization and Business Development Officer, Mr. Peter

Nawiri guided the team through the project outcomes and challenges.

In addition, the team visited the EPIVOT water

investment, which includes roof catchment system, the 100000-liter-water storage facility, the Green House drip irrigation system, open field irrigation system, the integrated weather station, and the water/soil laboratory equipment.

For the sustainability of the initiative in supporting learners and staff competencies, the interaction between KEWI, Meru University and other TVETs will be maintained through the project.

In addition, the SMART water for agriculture developed under the EPIVOT project will contribute to community training because it has already attracted a Non-Governmental Organization that is willing to collaborate



Although KEWI majors in water, Chiakariga Campus has initiated horticultural activities. Thanks to e-PIVOT projects.

KEWI Kisumu Campus glitters in an ongoing Painting and Facelift Exercise

BY JOHN WAWERU

In his first maiden visit to Kenya Water Institute (KEWI) Kisumu Campus, KEWI Chief Executive Officer Dr. Leiro Letangule committed to uplift the image of the institute through repair and painting of training and administration blocks.

True to his words painting and minor repair has been ongoing in the campus with attractive and magnificent structures dotted with KEWI colours standing out in the tranquil environment of Kibos area.

The new impression has created an outstanding serene

environment for studies blended with beautiful green flowers and shade trees.

By creating roomy and appealing areas for them to meet, share, and learn together, the facility is already fostering more engagement between students and staff.

This facility will provide a conducive environment to offer training, research and consultancy in the wider water sector.

Mr. Paul Rarieya, the Principal KEWI Kisumu Campus, stated his confidence that, after painting and repairs are finished, the Campus will significantly enhance service delivery and become a

destination of choice for organizing workshops and short courses.



A section of KEWI Kisumu Campus during the ongoing painting exercise.

Quote of the Week

“It is often the small steps, not the giant leaps that brings about the most lasting change.”

-Queen Elizabeth II

EDITORIAL TEAM

Editor

Dorine Eva

Writers:

Pius Kimani

Dorine Eva

John Waweru

Korir Kipkirui

Abigael Songok

Photographer

Pius Kimani

Designer

Pius Kimani

Round Up of the Week's Events



Dr. Leiro Letangule (2nd right) and Ismail Ali (2nd left) pose for a photo after signing a contract agreement for Improving Public Health and Enhancing Technical Skills of Youth in Kenya, through Sanitation Technology Transfer Project. KEWI Deputy Director Corporate Services, Mr. Eric Wamiti (right) and David Aseka (left) witnessed the contract signing.



Principal KEWI Chiakariga Campus Mr. Jacob Gitonga (in a coat) taking the team through the investment acquired through the e-PIVOT water project.

Round Up of the Week's Events



Moments during the Kenya Water & Sanitation International Conference & Exhibition 2023 at Sarova Whitesands Beach Resort, Mombasa.

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

The Director,
Kenya Water Institute,
P.O. Box 60013-00200 Nairobi
TEL: +254 722-207757
Email: info@kewi.or.ke
Website: www.kewi.or.ke

For enquiries about our TVET programmes

Contact the Registrar, Admissions Office.

Phone: 0735339206

Email: admissions@kewi.or.ke

KEWI Nairobi Campus

P.O. BOX 60013 – 00200

Tel: 0722207757

Email: info@kewi.or.ke

KEWI Chiakariga Campus

P.O. BOX 12 – 60215

Tel: 0729009104

Email: chiakariga@kewi.or.ke

KEWI Kitui Campus

P.O. BOX 1514 – 90200

Tel: 0707566395

Email: kitui@kewi.or.ke

KEWI Kisumu Campus

P.O. BOX 7825 – 40100

Tel: 0722207757

Email: kisumu@kewi.or.ke

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