

March 12th – March 17th

Kenya, China Strengthen Ties to Establish International Centre for Rainwater Harvesting and Irrigation



A group photo of Kenya and Chinese delegation at KEWI Headquarters after a half day seminar on Rainwater Harvesting for Improved Dryland Farming. KEWI and China are set to set up an International Training and Research Centre on Rainwater Harvesting and Irrigation in Machakos County, a one of its kind in the region to help accelerate modern water harvesting techniques and advanced irrigation technologies especially for water scarce regions.

BY: PIUS KIMANI.

The Kenya Water Institute (KEWI) and a high-level delegation from China's Gansu Provincial Department of Water Resources have launched an ambitious collaboration to establish an International Centre for Rainwater Harvesting and Irrigation in Machakos County, Kenya. This landmark project aims to enhance rainwater

management, support dryland farming, and build resilience against climate change impacts.

The partnership, formed core of the message during the Seminar on Rainwater Utilization and Dryland Farming Technology Exchange held at KEWI Headquarters in Nairobi.

Speaking during the event, KEWI Governing Council Chairperson, Hon. Patrick Musili Mbangula,

HIGHLIGHTS

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Kenya, China Strengthen Ties to Establish International Centre for Rainwater Harvesting and Irrigation



A seminar on Rainwater Utilization and Dryland Farming Technology Exchange held at KEWI Headquarters that brought together KEWI management, Chinese delegation, KEWI departmental heads, and water sector players to discuss on areas of possible collaboration on rainwater harvesting and irrigation techniques.

underscored the urgent need to prioritize training, research, and innovation in the water sector.

"Despite Kenya receiving approximately 354 billion cubic meters of rainwater annually, only 55.4 million cubic meters were harvested and stored in the Financial Year 2021/22," Hon. Mbangula noted, highlighting the pressing need for improved rainwater harvesting strategies.

He emphasized that the new centre would support research, consultancy, outreach, policy development, and capacity building, thereby strengthening sectoral responses to climate change and sustainable development.

The KEWI team, Chinese delegation, and officials from the Water Harvesting and Storage Authority held a half-day workshop preceding the to

align on objectives and implementation strategies.

The discussions focused on enhancing linkages between research and innovation, sector capacity development, policy support, consultancy services, and outreach programs.

KEWI Director/CEO, Dr. Leiro Letangule, EBS, highlighted KEWI's strong foundation in water resource management, international training experience, and ongoing partnerships with various bilateral organizations like NUFFIC, JICA, DANIDA, and AFDB.

"Our expertise positions us to lead and innovate in rainwater harvesting both locally and internationally," he said.

Dr. Letangule further noted that KEWI's multidisciplinary experts would drive research

and development, support sector coordination through conferences and outreach, and collaborate with academic and research institutions to enhance rainwater management technologies.

As part of the initiative, the KEWI and Chinese delegation visited Machakos County Governor Hon. Wavinya Ndeti, who pledged her full support for the project.

During a meeting at her office, the delegation also toured the proposed site—20 acres of land generously donated by the Governor for the construction of the Centre.

"My administration is committed to providing all the necessary assistance to make this vision a reality," said Governor Ndeti.

"The International Centre for Rainwater Harvesting and Irrigation will transform agricultural practices in our region, empower farmers, and build climate resilience."

The visit and Governor's endorsement were seen as a major boost to the project's momentum, ensuring seamless collaboration between national and county governments.

Representing the Chinese delegation, Prof. Zeng Youxiao, Deputy Director-General of the Gansu Provincial Department of Water Resources, commended the partnership, linking it to the broader 2024 Beijing Summit of the Forum

Kenya, China Strengthen Ties to Establish International Centre for Rainwater Harvesting and Irrigation



A delegation from KEWI and Gansu Provincial Department of Water Resources when it visited the proposed site for the proposed International Research and Training Centre on Rainwater Harvesting and Irrigation in Machakos County.

on China-Africa Cooperation action plans. He noted the significance of rainwater as a non-conventional resource critical for food security, particularly in the face of global climate challenges.

"Like Kenya, Gansu faces water scarcity and uneven distribution of water resources. Our dryland farming models – such as terrace construction, rainwater harvesting, and mulch covering – offer practical solutions that can be adapted to Kenya's conditions," Prof. Zeng said.

Gansu's delegation included experts and leaders from various water management and agricultural technology sectors. They shared insights on successful models like the "water cellar + plastic mulch" approach and discussed plans

to establish a Rainfed Agriculture Research and Demonstration Platform in Kenya.

Additionally, Prof. Zeng announced that a two-week training program will be held this June in Lanzhou, China, for Kenyan professionals and managers to build human capacity in rainwater utilization.

The collaboration is backed by key Chinese institutions, including the China Africa Institute Partnership Program, the Ministry of Science and Technology, and the Ministry of Commerce.

The support of the Economic and Commercial Office of the Chinese Embassy in Kenya further cements the project's importance in advancing China-Africa

cooperation in sustainable agriculture.

The establishment of the International Centre for Rainwater Harvesting and Irrigation marks a significant milestone not just for Machakos County, but for Kenya and Africa at large.

By combining Kenyan expertise and Chinese technological advancements, the Centre aims to revolutionize rainwater harvesting practices, improve agricultural productivity, and contribute significantly to Africa's food security agenda.

Through this initiative, KEWI and its partners reaffirm their commitment to innovation, capacity building, and international cooperation to achieve water and food security for future generations.

International Centre to Transform Agriculture by Advancing Rainwater Harvesting, Irrigation Technologies for Climate-Resilient Farming Solutions in Kenya and Beyond



A delegation from KEWI and Gansu Provincial Department of Water Resources when they met Machakos County Governor Hon. Wavinya Ndeti. The delegation visited the proposed site for the International Research and Training Centre on Rainwater Harvesting and Irrigation in the County.

BY: BRITNEY MOKEIRA

Kenya Water Institute (KEWI) is making significant strides in advancing water security and sustainable agriculture, through a notable collaboration with China's Gansu Academy for Water Conservancy. The two institutions have officially unveiled plans to establish the International Research and Training Centre on Rainwater Harvesting and Irrigation, a state-of-the-art facility that will be constructed in Machakos County. This follows an agreement with the Machakos County Government, which has generously provided land for the project.

The partnership between KEWI and the Gansu Academy

is a shared commitment to address some of the most pressing environmental and agricultural challenges faced by our country. With increasing pressure on water resources due to population growth, climate change, and poor management practices, the establishment of this Centre comes at a critical moment. The new facility will serve as a hub for knowledge-sharing, practical training, and applied research in water conservation and sustainable irrigation practices, with the goal of supporting not just Kenya, but the entire African continent.

The International Research and Training Centre on Rainwater Harvesting and Irrigation will feature several

key components designed to maximize its impact. Among these are demonstration farms, which will showcase adaptable and climate-smart rainwater harvesting and irrigation techniques suitable for various ecological zones. These farms will provide practical learning opportunities for farmers, extension officers, and agricultural students, bridging the gap between research and on-the-ground implementation.

Additionally, the Centre will include state-of-the-art

laboratories, research offices, and storage facilities to support ongoing scientific exploration. On-site accommodation will be constructed for researchers, trainees, and visiting experts, enabling long-term residency and collaborative work. This integrated infrastructure ensures that the Centre becomes not just a research institution, but a vibrant training ground and think tank for water conservation innovation.

The need for such a facility in Kenya cannot be overstated. The country continues to face cycles of drought, erratic rainfall, and increasing water demand from agriculture, industry, and domestic use. According to the Water Resources Authority (WRA),

International Centre to Transform Agriculture by Advancing Rainwater Harvesting, Irrigation Technologies for Climate-Resilient Farming Solutions in Kenya and Beyond

(W R A) , nearly 80% of Kenya's landmass is classified as arid or semi-arid, making water availability one of the most urgent development concerns. The new Centre is expected to provide



A dam in Machakos County. Rainwater harvesting for irrigation and especially in water scarce counties will receive a major boost once the center for water harvesting and irrigation comes up in Machakos County.

solutions that empower communities to collect, store, and utilize rainwater more effectively.

Importantly, the Centre's impact is designed to reach far beyond Kenya's borders. As part of its vision, the facility will act as a regional Centre of excellence, attracting researchers, policymakers, and agricultural professionals from across Africa. Through regional training programs, joint research projects, and technology transfer initiatives, the Centre will facilitate the exchange of ideas and best practices in water management creating a ripple effect that strengthens Africa's capacity to tackle water scarcity and food insecurity.

The Gansu Academy for Water Conservancy brings decades of experience in dryland water management,

having developed some of China's most effective models in rainwater harvesting and desert agriculture. Their collaboration with KEWI reflects a fusion of global expertise and local knowledge. Together, they are expected to develop customized, practical solutions that respond directly to the continent's unique climatic and socio-economic conditions.

The project will also open up opportunities for youth training, innovation incubation, and employment in water-related fields, further contributing to Kenya's Vision 2030 development agenda.

The Machakos County Governor Hon. Wavinya Ndeti welcomed the project, citing it as a timely investment that will bring not only environmental but also

economic and educational benefits to the region.

"This Centre will not only provide critical skills and knowledge to our people, but it will also create jobs, promote research, and help farmers increase their

yields,"

As planning and construction activities are set to start soon, there is growing excitement about the facility's potential to transform Kenya's approach to water management. The International Research and Training Centre on Rainwater Harvesting and Irrigation stands as a powerful symbol of what international cooperation, scientific innovation, and local commitment can achieve together.

In an era where water is increasingly becoming a source of conflict and concern, this initiative offers a message of hope that through collaboration and innovation, sustainable solutions are within reach. KEWI is investing in knowledge, resilience, and a better future for its people and the African continent at large.

KEWI Election 2025: A Lesson in Democracy and Leadership

BY: FAITH GENESIS TAUNET

Elections and the whole process of voting is a democratic right and a very emotional yet vital subject because it involves choosing someone who can represent the people and work for them.

Kenya Water Institute (KEWI) concluded free and fair elections for the position of the chairperson and sports representative across all its campuses. And, as with every election, there is always an outcome – winning or losing.

According to the final tally report released by Feisal Hassan, Principal Registrar student affairs and the chair of the election process, Dima Juma Rashid was declared the new chairperson, garnering 522 votes, narrowly edging his closest rival Meshack K. Adike, who marshalled 512 votes. The new sports representative was announced as Martin Ekure, who got 534 votes against his competitor's 495 votes.

Prior to the election, I had the opportunity to speak with the two leading aspirants for the chairperson position – Dima Juma Rashid and Meshack K. Adike – who shared their experiences, expectations, and personal reasons for seeking leadership roles.

Dima Juma Rashid expressed a deep-rooted passion for leadership that began when he first joined KEWI.



Mr. Feisal Hassan, chair of the election process at KEWI counts and verifies votes cast during the recently concluded KEWI Students Council elections.

“I’ve always had the urge to be a leader, and today, as I stand as a chairperson aspirant, I’m ready to be the voice of the students,” he shared.

His manifesto focused on building a strong bridge between the administration and students, ensuring that grievances are heard and addressed appropriately. He described the election process as smooth and well-coordinated, appreciating the administration for availing the necessary materials and maintaining order.

His competitor, Meshack K. Adike, brought with him a wealth of experience from previous leadership roles as class representative during his both certificate and diploma levels studies stints.

He highlighted key challenges he had observed in earlier student councils, such as lack of transparency, weak communication, and integrity gaps between the leadership and administration.

“This is a big opportunity for me to be a mediator, not a fighter,” he stated.

His motivation was grounded in unity and fostering a family-like environment within the institution.

Both candidates emphasized the importance of elections at both institutional and national levels. Dima pointed out that student elections prepare young people for future national democratic processes, while also ensuring representation and accountability within the

KEWI Election 2025: A Lesson in Democracy and Leadership



Dima Juma Rashid (in sunglasses) the newly elected KEWI Students Council Chairperson and first runner-up Meshack K. Adike pose for photo. Rashid has promised to reinvigorate the bridge and bond between the administration and students.

campus.

“The school election instils trust and gives us a practical understanding of democracy,” He noted.

Elections, whether in schools or countries, serve to empower individuals to choose leaders they believe in – leaders who carry their voice, protect their interests, and steer the community toward growth.

One major highlight from the interviews was the spirit of maturity and peace both candidates committed to maintaining.

“Leadership is given by God,” said Dima. “Even if I don’t win, I’ll support whoever wins.”

Meshack echoed similar sentiments, stating that while he was confident in his readiness and campaign, he would accept any outcome with grace.

These attitudes reflect key principles of good leadership and healthy electoral practices: integrity, humility, sportsmanship, and commitment to service over self-interest.

Effective leadership is the backbone of any thriving institution. Healthy leadership fosters transparency, encourages communication, and promotes collaboration. In KEWI’s case, having student leaders who can act as liaisons between the administration

and student body ensures that concerns are addressed swiftly and that decisions are made inclusively.

As Dima aptly concluded, “Balancing wisdom and compassion is the key to effective leadership.” Meshack wrapped up his campaign message with optimism: “Together we can make it happen.”

The 2025 KEWI elections was not just an exercise in democracy but a celebration of leadership, unity, and growth. With a new team the hope is that the promises made will translate into action – and that the spirit of service remains the foundation of all future leadership at KEWI.

Bridging The Gap: Harvesting Just 0.02% Of Rainfall in A 647 M³/Capita Water-Stressed Kenya

BY: ENG. VIRGINIA NANETIA

“Kenya’s water endowment at 647m³/capita is below the global benchmark of 1,000m³/capita, the minimum recommended annual water per capita required for basic living per person is 600m³.”

According to a study by World Bank (2005), the daily per capita water use in Kenya is 45.2 L.

Water Harvesting in Kenya is A Strategic Response to Climate Resilience and Sustainable Water Access. Kenya recognizes the importance of rainwater harvesting as a sustainable solution to water scarcity, particularly in arid and semi-arid regions. Water harvesting and storage at the household level is being prioritized at national and county legislation to enhance mitigation of effects/impacts of climate change such as floods and drought. Capacity building is being incorporated in all projects and programmed targeting all stakeholders from decision makers to subsidiary implementers, resulting in sustainability and resilience.

Key policy documents are the Water Act, National Water and Sanitation Strategy 2020-2025, Water Harvesting and Storage Regulations, 2021, and The National Water Harvesting and Storage Strategy (2020-2025). The national water

strategy indicates Water Harvesting and Storage for Domestic and Industrial and water harvesting and storage for irrigation.

Kenya’s water endowment stands at 647 m³ per capita annually (renewable fresh water), which is below the global benchmark of 1,000 m³ and only slightly above the minimum requirement of 600 m³ per person (Ojieno, 2001; World Bank, 2020). This is expected to decline to 235 m³ per capita by 2025 due to population growth and climate variability (Ojieno, 2001). Despite receiving an estimated 354 billion cubic meters (BCM) of rainwater annually, the country harvested and stored only 55.4 million cubic meters in 2021/22, illustrating massive underutilization (Water Action Agenda, 2023).

Over two-thirds of Kenya receives less than 500 mm of rainfall annually, while only 11% receives more than 1,000 mm (NWHSS, 2020–2025). The National Water Harvesting and Storage Strategy targets increasing national water storage from 124 million cubic



Water harvested through a gutter collects into a storage facility. According to Kenya National Bureau of Statistics (KNBS) 2019 Report, only 3.9% of households use rainwater as a primary drinking source, despite 80.3% of dwellings having iron sheet roofs suitable for rainwater harvesting.

meters to 4.5 BCM by 2030 through techniques such as rooftop collection, surface runoff capture, pans, dams, and Managed Aquifer Recharge (NWHSS, 2020–2025).

As of 2021/22, the country’s water storage capacity per capita was 107 m³, but only 22 m³ was allocated for productive uses like agriculture and aquaculture (MTP-IV, 2023–2027). The rising water demand—from 1,186 MCM in 2010 to 2,561 MCM projected by 2030—further underscores the urgency for sustainable harvesting (NWHSS, 2020–2025).

Only 3.9% of households use rainwater as a primary drinking source, despite 80.3% of dwellings having iron sheet roofs suitable for rainwater harvesting (KNBS, 2019). The

Bridging The Gap: Harvesting Just 0.02% Of Rainfall in A 647 M³/Capita Water-Stressed Kenya

Water Act (2016) and Water Harvesting and Storage Regulations (2021) establish institutional frameworks and mandates the Water Harvesting and Storage Authority to implement national strategies.

Kenya's water harvesting agenda—anchored in Vision 2030, BETA, and MTP IV—aims not only to improve access but also to enhance climate resilience and economic transformation.

Strategic initiatives aimed at strengthening water harvesting and storage capacity across the country are underway. Central to these efforts is the development and review of the National Water Harvesting and Storage Strategy and accompanying regulations to provide a robust policy framework for sustainable water management. In tandem, the Ministry is identifying water-scarce sub-basins and equipping public institutions, such as schools and health centers, with rainwater harvesting systems, including the installation of water tanks and guttering infrastructure. These efforts are designed to enhance water access at the grassroots level and promote resilience in vulnerable communities.

In line with its climate adaptation agenda, the Ministry is implementing targeted interventions in the



ASAL counties of Mandera, Wajir, Samburu, Marsabit, and Isiolo. These include the deployment of spate irrigation systems and the construction of water storage infrastructure to support agriculture and pastoral livelihoods.

To improve the efficiency and capacity of existing facilities, strategic desilting is being carried out, mapping water harvesting potential along 18 lagghas across 14 counties, accompanied by the construction of new water pans and harvesting structures. To enhance planning and disaster preparedness, a dedicated information system on water harvesting, climate change, and flood management is being developed, alongside the maintenance of flood control infrastructure such as dykes and check dams to

mitigate the impact of extreme weather events.

References

- Bottom-Up Economic Transformation Agenda*
- Kenya National Bureau of Statistics (KNBS). (2019). *2019 Kenya Population and Housing Census*.
- Ministry of Water & Sanitation. (2020). *National Water Harvesting and Storage Strategy (2020–2025)*.
- Ministry of Water & Sanitation. (2020). *National Water and Sanitation Strategy (2020–2025)*.
- Ministry of Water & Sanitation. (2023). *Water Action Agenda Report*.
- Ministry of Water & Sanitation. (2023). *MTP-IV 2023–2027*.
- Ojieno, A. (2001). *Domestic Water Consumption Per Capita: A Case Study of Selected Households in Nairobi*.
- World Bank. (2020). *World Development Indicators*. <https://ieakenya.or.ke/blog/market-instruments-will-be-an-effective-solution-to-water-provision-in-kenya>
- Water Act. (2016).
- Water Harvesting and Storage Regulations. (2021).

Recognition of Prior Learning (RPL) Certification Process Call.



The Kenya Water Institute (KEWI) is now taking applications for

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MAY 2025 INTAKE ADVERT



MINISTRY OF WATER, SANITATION & IRRIGATION KENYA WATER INSTITUTE

KENYA WATER INSTITUTE INVITES APPLICATIONS FOR ADMISSION

Kenya Water Institute invites applications for May 2025 intake for the programs offered in Nairobi campus and satellite campuses of Chiakariga, Kitui and Kisumu. The programs will be offered through a Blended Learning Model (online and in person learning for practical based courses). Applicants MUST indicate the campus of choice in the application form.

Program Title	Minimum Requirements	Duration	Campus	Tuition Per Semester
1. Diploma in Water Engineering Technology (DWET)	<ul style="list-style-type: none"> a) KCSE Mean Grade C- (minus) or a division (II) in KCE with at least D (plain) in any of the sciences (Mathematics, Physics, Chemistry or Physical Science and Biology) or Geography OR b) KCSE Mean Grade C- and Artisan Course Certificate from KEWI or any equivalent National Qualification c) As determined by the Academic Board. 	Three years	Nairobi Chiakariga Kitui Kisumu	Kshs. 31,300
2. Diploma in Water Resources Management Technology (DWRMT)	<ul style="list-style-type: none"> a) KCSE Mean Grade C- (minus) or a division (II) in KCE with at least D (plain) in any of the sciences (Mathematics, Physics, Chemistry or Physical Science and Biology) or Geography OR b) KCSE Mean Grade C- and Artisan Course Certificate from KEWI or any equivalent National Qualification c) As determined by the Academic Board. 	Three years	Nairobi Kitui Kisumu	Kshs. 31,300
3. Diploma in Irrigation and Drainage Engineering Technology (DIDET)	<ul style="list-style-type: none"> a) KCSE Mean Grade C- (minus) or a division (II) in KCE with at least D (plain) in any of the sciences (Mathematics, Physics, Chemistry or Physical Science and Biology) or Geography OR b) KCSE Mean Grade C- and Artisan Course Certificate from KEWI or any equivalent National Qualification c) As determined by the Academic Board. 	Three years	Chiakariga Kisumu	Kshs. 31,300
4. Diploma in Wastewater and Sanitation Engineering Technology (DWSET)	<ul style="list-style-type: none"> a) KCSE Mean Grade C- (minus) or a division (II) in KCE with at least D (plain) in any of the sciences (Mathematics, Physics, Chemistry or Physical Science and Biology) or Geography OR b) KCSE Mean Grade C- and Artisan Course Certificate from KEWI or any equivalent National Qualification c) As determined by the Academic Board. 	Three years	Nairobi	Kshs. 31,300
5. Diploma in Water Laboratory Technology (DWLT)	<ul style="list-style-type: none"> a) KCSE Mean Grade of C- and above or its equivalent as acceptable Qualification by KNQA OR b) KNEC Certificate for CICT 	Three years	Nairobi	Kshs. 31,300
6. Diploma in Information Communication Technology (DICT)-KNEC	<ul style="list-style-type: none"> a) KCSE Mean Grade D (plain) OR b) Artisan Course qualification from KEWI or any equivalent National Qualification OR c) As determined by the Academic Board 	Two years	Nairobi Chiakariga Kitui Kisumu	Kshs. 30,000
7. Certificate in Water Engineering Technology (CWET)	<ul style="list-style-type: none"> a) KCSE Mean Grade D (plain) OR b) Artisan Course qualification from KEWI or any equivalent National Qualification OR c) As determined by the Academic Board 	Two years	Nairobi Kitui Kisumu	Kshs. 30,000
8. Certificate in Water Resources Management Technology (CWRMT)	<ul style="list-style-type: none"> a) KCSE Mean Grade D (plain) OR b) Artisan Course qualification from KEWI or any equivalent National Qualification OR c) As determined by the Academic Board 	Two years	Chiakariga Kisumu	Kshs. 30,000
9. Certificate in Irrigation and Drainage Engineering Technology (CIDET)	<ul style="list-style-type: none"> a) KCSE Mean Grade D (plain) OR b) Artisan Course qualification from KEWI or any equivalent National Qualification OR c) As determined by the Academic Board 	Two years	Chiakariga Kisumu	Kshs. 30,000

MAY 2025 INTAKE ADVERT

10. Certificate in Wastewater and Sanitation Engineering Technology (CWSET) 11. Certificate in Water Laboratory Technology (CWLTL)	a) KCSE Mean Grade D (plain) OR b) Artisan Course qualification from KEWI or any equivalent National Qualification OR c) As determined by the Academic Board	Two years	Nairobi	Kshs.30,000
12. Certificate in Information Communication Technology (CICT)-KNEC	a) KCSE Mean Grade D (plain) and above OR b) Its equivalent as acceptable Qualification by KNQA	Two years	Nairobi	Kshs. 30,000
13. Plumbing and Pipe Fitting (PPF) 14. Water Operators Course (WOC) in: • Water Supply • Meter Reading • Wastewater Mgt. tech.	a) KCSE Certificate OR b) Basic Operator Course qualification OR c) Any other qualification approved by the Academic Board	Two semesters	Nairobi Chiakariga Kitui Kisumu	Kshs.30,000
15. Irrigation and Drainage systems	a) KCSE Certificate OR b) Basic Operator Course qualification OR c) Any other qualification approved by the Academic Board	Two semesters	Chiakariga Kitui	Kshs.30,000
16. Drilling Operations and Management (DOM)	a) KCSE Mean Grade D (plain) OR b) Certificate in Water Related course (Water Technician, Water Resource Management, Water Engineering, Mechanical Engineering) OR c) Industry Practice as a Drilling Technician of at least 2 years	8 weeks	Nairobi	Kshs 40,800

MODE OF APPLICATION

Application forms can be obtained from Kenya Water Institute, Nairobi South 'C', Chiakariga, Kitui and Kisumu campuses; or downloaded from KEWI website. A non – refundable application fee of Kshs 1,000.00 should be paid using this link. <https://www.kewi.go.ke/application-payment-process>

Applications should be addressed to the **DIRECTOR, KENYA WATER INSTITUTE, P. O. BOX 60013 -00200 NAIROBI**. Applications to reach not later than **30th April 2025**. Attach photocopies of Academic Certificates, National ID card and original application fee receipt.

Foreign students to add 20% on all charges. For enquiries: Nairobi - 0722 207 757, 0735339206, Chiakariga – 0729009104, Kitui 0707 566 395

Persons with disability and female students are encouraged to apply.

Quote of the Week

“Success is the sum of small efforts repeated day in and day out.”

Robert Collier

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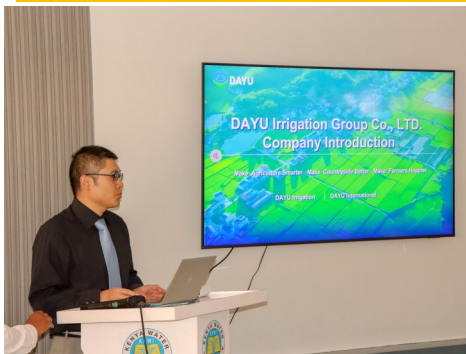
Pius Kimani

Round up of The Week's Events



Moments during the election exercise for various leadership position for KEWI Students Council.

Round up of The Week's Events



Moments during the China Delegation and KEWI meeting at KEWI Headquarters and the Courtesy Visit to Machakos County Governor Hon. Wavinya Ndeti.

Picture of the Week



*Mr. Feisal Abdullahi Hassan is a Lecturer at the Main Campus, Nairobi. Known for his strictness in enforcing discipline across various facets of the students community in KEWI, Mr. Feisal, who doubles up as **Principal Registrar, Students Affairs** has ensured that cases of students truancy, general indiscipline and exam malpractices have significantly reduced thanks to his acclaimed intelligence gathering prowess and Solomonian arbitration of the cases he handles and intervenes, together with other relevant departments.*



MINISTRY OF WATER, SANITATION & IRRIGATION
KENYA WATER INSTITUTE

Happy EASTER HOLIDAYS

May the spirit of Easter and the Joys that come with this day be what we shall experience throughout our engagements.

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Long - Term Programmes

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 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:

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Vision

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

Mission

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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

Your feedback is crucial for our improvement



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