



## EBESA hosts Career Talk for EBE Students

By Yvonne Madahana



The Environmental and Biosystems Engineering Students Association (EBESA) hosted a Career Talk on Thursday, 28th March 2024, at the University of Nairobi's Upper Kabete campus. The event, which was sponsored by KeSEBAE, aimed to facilitate engagement between students and industry stakeholders, providing insights into career prospects post-graduation. It featured two distinguished Fellows of KeSEBAE from the field of Environmental and Biosystems Engineering; Eng. Kennedy Makudiuh, Senior Principal Superintending Engineer in the Ministry of Agriculture and Livestock Development and Eng. John Nyaguti, who is a lecturer at Kenyatta University. Eng. Makudiuh, shared insights from his extensive experience dating back to the early 90s. He provided guidance on interview preparation and the importance of networking in building industry relationships.

### DEAR READER

*Welcome to KeSEBAE Newsletter.*

*A fortnightly Newsletter touching on topical issues affecting our environment.*

*KeSEBAE NEWS is a Newsletter of the Kenya Society of Environmental, Biological and Agricultural Engineers (KeSEBAE)*

### Inside this Issue!

**Pg. 1**  
*EBESA hosts Career Talk for EBE Students*

**Pg. 3**  
*KeSEBAE's Eng. John Nyaguti joins IEK Council*

**Pg. 4**  
*2024 KeSEBAE Annual Conference*

**Pg. 5**  
*Call for Papers to The Next Editions of JEA and KeSEBAE NEWS*

**Pg. 6**  
*Call for Membership*

Eng. Nyaguti, discussed his consulting experience and highlighted the technical and soft skills essential for career advancement. He emphasized the significance of acquiring computer skills to gain a competitive edge in the job market.

Interactive panel discussions featured a number of subject matter specialists and students. The panel was chaired by Alice Kayo and featured Eng. Joackim Mutua, Eng. Kennedy Makudih, Eng. John Nyaguti, Jonathan Waiyaki (Masters student), and Helena Maina (5th Year Undergraduate). The panel addressed students' career-related concerns as well as their hopes for the profession.

The event proved invaluable for many undergraduate students looking forward to completing their studies and joining the job market.

The chance to interact and engage with seasoned practitioners proved very helpful for their ambitions.

KeSEBAE intends to advance such engagements across various universities in the country as part of her contribution to the Royal Academy of Engineers (UK) Africa Catalyst Phase 5 project aimed at raising public awareness and the profile of Agricultural and Biosystems Engineering in sub-Saharan Africa. The Society will soon be publishing a schedule for subsequent events through the various platforms.

We wish to thank EBESA, the entire EBE fraternity and the University of Nairobi and the various partners for the successful event.



## KeSEBAE's Eng. John Nyaguti joins IEK Council



Renowned irrigation and drainage engineer, Eng. John Nyaguti, a distinguished Fellow of the Kenya Society of Environmental, Biological and Agricultural Engineers (KeSEBAE), has been co-opted as a member of the Institution of Engineers of Kenya (IEK) council for the period 2024-2026. Eng. Nyaguti's co-option underscores his esteemed position within the engineering community and his commitment to furthering the profession's goals.

Eng. Nyaguti's illustrious career spans both academia and industry. He mentors and trains young engineers through various platforms as part of his contribution to the profession. He is currently a Lecturer at Kenyatta University's Agricultural & Biosystems Engineering Department, a position he has held since November 2017. Simultaneously, Eng.

Nyaguti is the Managing Director and Senior Irrigation and Drainage Engineer at GEDO Associates Limited, one of the leading consulting firms in the field of irrigation and drainage in Kenya.

Eng. Nyaguti holds an MSc in Agricultural Engineering (Soil and Water) and a BSc in Agricultural Engineering. He has over 39 years of hands-on experience in the field of irrigation and drainage engineering. His expertise encompasses various facets of the discipline, ranging from project planning and feasibility studies to detailed designs and construction supervision. Eng. Nyaguti has been instrumental in the execution of irrigation projects of diverse scales, ranging from small-scale endeavors to large-scale initiatives spanning thousands of hectares.

Eng. Nyaguti's proficiency extends beyond theoretical knowledge; he is well-versed in the practical implementation of irrigation systems, including gravity and pump-fed systems, catering to surface, sprinkler, and drip irrigation methods. Moreover, his commitment to community engagement is evident through his involvement of farmers in all stages of irrigation projects, promoting sustainable practices and local empowerment.

Recognized for his leadership acumen, Eng. Nyaguti has effectively coordinated multi-disciplinary teams in various irrigation and drainage projects, assuming pivotal roles as Team Leader or Project Manager. His extensive portfolio includes collaborations with government agencies, development organizations such as the World Bank, European Union, IFAD, and ADB, as well as private and NGO-funded initiatives.

Eng. John Nyaguti's contributions extend beyond Kenya, encompassing regions across East, Central, and Southern Africa, where he has showcased his adaptability and expertise in diverse cultural and geographical contexts. His proficiency in English and Kiswahili, coupled with his mastery of various computer applications, further enhances his capabilities in the field.

The KeSEBAE fraternity wishes Eng. Nyaguti well during his tenure at IEK council.



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- Waste Management For Climate Change
- Energy Systems For Climate Change
- Housing And Infrastructure For Climate Change
- Irrigation and Water Resources
- ICT Systems
- Engineering Education and Practice For Climate Change

## KEY DATES:

**Abstract Submission:** 30 SEPT 2024

**Paper Submission:** 13 OCT 2024

**Payment Deadline :** 07 NOV 2024

## CHARGES

**Members:** KES 15,000 ( \$150)

**Non Members :** KES 20,000 (\$200)

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# CALL FOR PAPERS

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## JEAE

### *Journal of Engineering in Agriculture and the Environment*

The Journal of Engineering in Agriculture and the Environment (JEAE) is a Publication of the Kenya Society of Environmental, Biological and Agricultural Engineers (KeSEBAE) through which researchers in the fields of Environment, Agriculture and related fields share research information and findings with their peers from around the globe.

The JEAE Editorial Board wishes to invite interested researchers with complete work in any relevant topic, to submit their papers for publication in the next editions of the Journal.

Manuscripts may be submitted online or via email to:

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### Criteria for Article Selection

Priority in the selection of articles for publication is that the articles:

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- b. Are relevant to the application of engineering and technology in agriculture, the environment and biological systems
- c. Have not been previously published elsewhere, or, if previously published are supported by a copyright permission
- d. Deals with theoretical, practical and adoptable innovations applicable to engineering and technology in agriculture, the environment and biological systems
- e. Have a 150 to 250 words abstract, preceding the main body of the article
- f. The abstract should be followed by the list of 4 to 8 "Key Words"
- g. Manuscript should be single-spaced, under 4,000 words (approximately equivalent to 5-6 pages of A4-size paper)
- h. Should be submitted in both MS word (2010 or later versions) and pdf formats (i.e., authors submit the abstract and key words in MS Word and pdf after which author uploads the entire manuscript in MS word and pdf)
- i. Are supported by authentic sources, references or bibliography

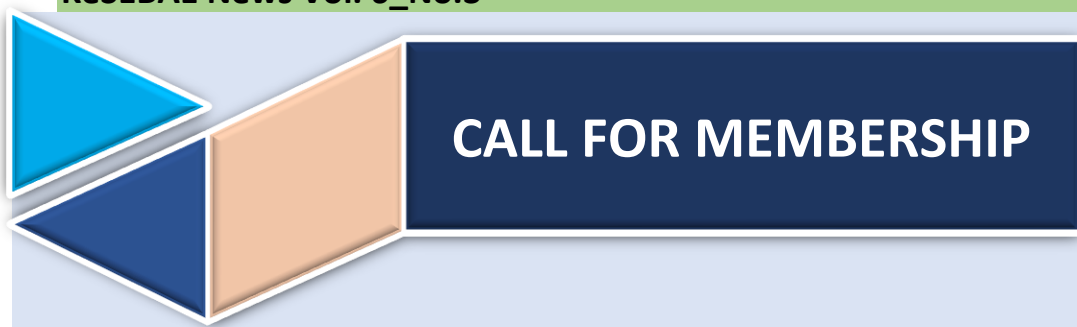
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### CALL FOR ARTICLES TO KeSEBAE NEWS

**KeSEBAE NEWS Editorial** wishes to call for topical articles for publication in future editions of KeSEBAE NEWS.

Please transmit the same via Email: [info@kesebae.or.ke](mailto:info@kesebae.or.ke)

**NOTE:** A payment will be made to the author of each selected article



### Be a KeSEBAE Member:

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Membership Category	Annual Subscription (KES)	Admission Fees (KES)	Reinstatement Fees (KES)
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Member	2,000	1,000	2,000
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Aff. Member	500	1,000	2,000
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### Membership Renewal

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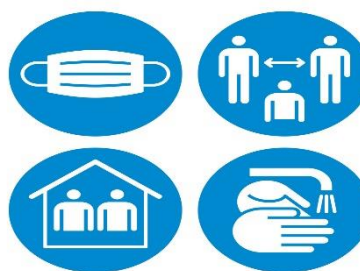
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