

Academic Staff Profile

Personal Profile

Personal Details

<p>Name: Jackline Mwendu Mutunga Title/Qualification: Ms Department: Mechanical Engineering Designation/Position: Tutorial Fellow Email: mutunga.jackline@ku.ac.ke Contact Address: 43844-00100, Nairobi, Kenya Area of Specialization: Engineering Thermodynamics Research Interests: Renewable Energies Google Scholar: JM Mutunga ORCID ID: https://orcid.org/0000-0003-0437-247X</p>	
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Academic & Professional Qualifications

- MSc. Mechanical Engineering, Pan African University Institute for Basic Sciences Technology and Innovation (PAUSTI).
- BSc. Mechanical Engineering, Jomo Kenyatta University of Agriculture and Technology (JKUAT).

Referred Journals

- Mutunga, J. M., Kimotho, J. K., & Muchiri, P. (2020). Health-Index Based Prognostics for a Turbofan Engine using Ensemble of Machine Learning Algorithms. *Journal of sustainable research in engineering*, 5(2), 50-61.

Conferenced/Workshops/Seminars Attended

Conferences Attended

1. Participant; International Sustainable Research and Innovation (SRI) Conference (2019, 2021), Jomo Kenyatta University of Agriculture and Technology, Kenya.
2. Presenter; 50th Annual Conference of the Operations Research Society of South Africa (ORSSA) in collaboration with the African Federation of Operations Research Societies (AFROS), North-West University in Potchefstroom, South Africa.
3. Presenter; TUM SEED Centre Symposium 8-10 Dec 2021: Sustainable Energies, Entrepreneurship and Development.

Workshops Attended

1. Student Training for Entrepreneurial Promotion (STEP) Training of Trainers (ToT) under the Collaboration for Entrepreneurial Universities (CEPU) Project to be held from 9th to 12th August 2021.

Affiliation of Professional Bodies

- Engineers Board of Kenya (EBK) – Graduate Member (B11786)
- The Institution of Engineers of Kenya (IEK) –Graduate Member (G.9878)

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