

KENNEDY OCHIENG OGILA

CURRICULUM VITAE

Profession/Occupation: Lecturer/Research Associate
Accumulated experience: 10
Nationality: Kenyan
Email: kogila@mut.ac.ke
Membership in Professional Societies: Engineer's Board of Kenya, Society of Plastics Engineers

Key Qualifications: PhD Materials Science, BSc/MSc Automotive Engineering

Professional skills:

- **Research and Product development:** I possess extensive experience in research design and implementation, as well as, in new product development and deployment.
- **Materials Science:** Experienced in material processing and fabrication including for polymer resins, concrete, metals and their composites. Deeply familiar with the interactions between matrix and fillers and their effects on composite properties.
- **Analytical Methods:** Experienced in the use of material characterization methods including FTIR, SEM, DSC and TGA among others. Further, I possess experience in the mechanical testing (including tensile, bending, compression and dynamic mechanical analysis) of composite materials.
- **Computer Aided Design and Manufacturing:** Knowledgeable in product life-cycle management and programming software including Siemens NX, SOLIDWORKS, ANSYS, MATLAB and Python.
- **Language Skills:** Highly proficient in written and spoken English and Russian Language; and I possess a basic knowledge of spoken Mandarin.

Post Graduate Supervision: N/A

Professional Strengths:

- **Creativity:** Apt at thinking outside the box and actualizing what is possible.
- **Tenacity:** Drive for activities and projects that can help to improve my skills and career prospects.
- **Resourcefulness:** Unwaveringly committed to quality and efficiency. Leads with high energy and a calm-under-pressure approach.

Education:

Institution	Date/Mon/Yr	Event/Certificate awarded
Beijing University of Chemical Technology	16/06/2017	PhD in Thermal Engineering and Engineering Thermo-physics / Polymer processing
Vladimir State University	11/07/2008	BSc-MSc (Dipl. Ing.), Automotive Engineering

Appointments

Lecturer, Muranga University of Technology – March 2021

Selected publications – Latest 5.

1. Ogila K. O., Yang W., Shao M., Tan J.: Surface quality of unsaturated polyester resin processed via continuous multi-shot rotational molding. AIP Conference Proceedings, 1846, 040001(1)–040001(7) (2017). <http://dx.doi.org/10.1063/1.4983603>
2. Ogila K. O., Shao M., Yang W., Tan J.: Rotational molding: A review of the models and materials. Express Polymer Letters, 11(10), 778-798 (2017). <http://dx.doi.org/10.3144/expresspolymlett.2017.75>
3. Shao M., Zhang Y., Yang W., Ogila K.O., Tan J.: Surface quality and process of unsaturated polyester resin by rotational molding. J Beijing Univ Chem Technol, 44(4), 82-89 (2017). 10.13543/j.bhxbzr.2017.04.013

Research Grants and Consortiums involvement

N/A

Hobbies: READING, PHOTOGRAPHY, HIKING

Certification:

I, the undersigned, certify that to the best of my knowledge and belief, this biodata correctly describes me, my qualifications and my experience.


Signature

Date: 20/08/2021
Day/Month/Year