

CURRICULUM VITAE

PERSONAL DETAILS

Name : Doreen Itenyo Machanje
Date of Birth : 14th September, 1977
Gender : Female
Marital status : Married
Address : P.O. Box 146-20210, Litein
Career : Applied Chemist and Textile Engineer
Nationality : Kenyan
Spoken languages : English, Swahili and Chinese
Cell phone Number : +254 718 753 499 / +251967609056
Email address : ditenyo@yahoo.com



CAREER OBJECTIVES

- Put acquired knowledge into full realizable use.
- Exercise professionalism in the fields of my training.

EDUCATIONAL BACKGROUND

1. September 2010 to January 2013

University : Donghua University (Shanghai, China)
Award : Masters degree (Applied Textile chemistry)
Title of research topic : Synthesis of Polyimide Oligomers and the High Performance Resin Matrices Therefrom

Major courses : The structural analysis of organic compounds, Preparation principles of fine chemicals, advanced organic chemistry, applied statistics and Numerical analysis, etc

2. August 2009 to June 2010

University : Donghua University (Shanghai, China)
Studied Chinese Language and scored level 5 in the Chinese language proficiency examination (HSK).

3. September 1997 to April 2002

University : Moi University (Eldoret, Kenya)
Award : Bachelors (Textile Engineering) - 2nd Class Honors Upper
Final year project : Application of natural products in the textile industry (A case study)

Major courses : Clothing technology, Industrial pollution control, Textile physics, Textile chemistry, Engineering Mathematic, etc

4. February 1992 to November 1995

School : Butere Girls High School
Certificate : K.C.S.E certificate

SOCIETY

I am a member of the Engineers Board of Kenya as a graduate engineer with serial number B7741.

EMPLOYMENT

1. September 19th 2016 up to date: Bahir Dar University, Ethiopia.

Position held : Lecturer, Leather department, Textile Chemistry RIC.
Duties : I am teaching Applied Chemistry I and II, Synthetic Leather Manufacturing and Applied Inorganic and Organic Chemistry.

2. October 28th 2013 to May, 14th 2016: Moi University, Eldoret

Position held : Part time lecturer, MIT department.
Duties : I have taught Textile Chemistry, Industrial Textiles, Garment Technology, Industrial Chemistry, Textile Coloration and Textile Pre-treatment and Finishing Processes.

3. August 2013 to October 26th 2013: Ultra Garment Industry

Position held : Packing and delivery Supervisor
Duties : Ensure all the processed goods are of good quality
: Ensure the goods are packed and delivered to the customer in time.

4. July 2008 to June 2009: Ministry of State for National Heritage and Culture

Position held : Researcher (Volunteer work)
Duties : Researching on the African cultural attires

5. September 2005 to May 2008: Manchester Outfitters East Africa Ltd

Position held : Textile Finishing Supervisor
Duties : In charge of the garment finishing department

6. July 2004 to August 2005: Rupa Mills Limited

Post held : Quality Control Supervisor
Duties : Ensured quality inspection of garments in the production met the customers' demands.

7. July 2003 to March 2004: Alltex EPZ Ltd

Position held : Line manager
Duties : In charge of 3 garment production lines
Made sure all the garment making processes in each production line were running smoothly, the output was of good quality and the targets were always achieved.

PUBLICATIONS

1. Xin-Hai Yu, **Doreen Itenyo Machanje**, Ben-Ke Xu and Yong-Fen Xu, **Preparation and Characterization of 2,2-bis[4-(3-Aminophenoxy)phenyl]propane / 4,4'-Oxydianiline / 4,4'-Oxydiphthalic Anhydride (3-BAOPP/44ODA/ODPA) Polyimide Films with Various Comonomer Ratios**. Journal of Macromolecular Science, Part B, 2012, 52(3), 489-503.
2. Yu Xin Hai, **Doreen Itenyo Machanje**, Chen Bo, Xu Yong Fen, Liu Wan Zhang. **Preparation of Epoxy Adhesive Modified by Imide with Carboxylic End Groups**. Journal of Insulating Materials- Chinese Journal, 2013, 46 (1).
3. Chen Bo, **Machanje I. Doreen**, Yu Fuyang, Yu Xinhai, Huang Binqun. **Synthesis and Properties of Adhesive Modified by Polyimide Oligomer**. Adhesive- Chinese Journal (Accepted 2012 and to be published in 2013).
4. **Doreen Itenyo Machanje**, Yu Xinhai, Chenbo. **Modification of Resin Matrices using Polyimide Oligomers**. Book project which has been published by Lap Lambert academic publishing, Germany. Project ID number is 84825; ISBN number is 978-3-659-39761-5.
5. J. I. Mwasiagi, **D. M. Itenyo**, L. M. Wangatia, J. L. Kituyi, **A study of the fastness properties of cotton dyed using tea leaves**, Book of proceedings, 2010, 5th Annual international conference 4th-8th August 2009, Moi University, Eldoret, pp. 320-325.
6. J.I. Mwasiagi, A.W. Mburu, J.R. Ochola, **D.M. Itenyo**, L. M. Wangatia, J.L. Kituyi, 2010, **Use of regression models to study the efficiency of enzymatic desizing**, Book of proceedings, 2010, 5th Annual international conference 4th-8th August 2009, Moi University, Eldoret, 1014-1019.
7. Rotich K. Gideon, **Machanje I. Doreen**, *Reinforcement of Recycled Waste PET Plastic with Sisal Fiber*, Sino-Africa International Symposium on Textiles and Apparel & Sino-Africa Cultural Exchange Forum, Mombasa, Kenya. August 2016 (SAISTA2016).

PERSONAL SKILLS AND OTHER QUALIFICATIONS

1. **Professional skills:** Familiar with operation of FTIR, Tensile strength testing machine, Dielectric loss and Capacitance measuring machines, Contact angle testing machine etc.
2. **Chinese language skills:** Chinese Proficiency Examination (HSK) Level 5, good command of Chinese language.
3. **Computer Skills:** Proficient in Microsoft Office applications, Origin, Photoshop, Chem draw and other applications.

OTHER EXTRA CURRICULAR ACTIVITIES

2010/06 to 2010/09: Volunteered in the world Exposition that was held in Shanghai city.

2011/10/28: Participated in the 60th Anniversary Cultural Exhibition of Donghua University as a facilitator of the Kenyan stand.

SELF ASSESSMENT

Bright, self motivated, ability to quickly learn new skills, flexible, quick to adapt to a new environment, responsible, team player and good organization skills.

HOBBIES

- Volunteer services to the needy
- Travelling
- Listening to music
- Making friends

REFERENCES

1. Bohong Gu
Professor of College of Textiles
Dean of International Cultural Exchange School,
Director of International Cooperation Office,
Donghua University,
2999 North Renmin Road,
Songjiang District, Shanghai, China.
Email: gubh@dhu.edu.cn
Cell Phone no.: +86 1366 1478 551
2. Associate professor Yu Xin-Hai,
Donghua University,
Head of department of Applied Chemistry,
No. 2999 North Renmin Road,
Songjiang District, Shanghai, China.
Email: yuxinhai@dhu.edu.cn
Cell Phone no.: +86 1391 6216 416
3. Prof. Josphat Igadwa Mwasiagi,
Ass. Professor, Department of Manufacturing, Industrial and Textile Engineering
Moi University, Kenya.
P.O. Box 3900-30100, Eldoret
Email: igadwa@gmail.com
Cell Phone no.: +254725868329
4. Prof. Paul Wambua,
Deputy Vice Chancellor,
Dedan Kimathi University of Technology,
P.O. Box 7074, Eldoret, Kenya.
Email: paulwambua@yahoo.com
Cell Phone no.: +254 726 169 561
5. Dr Eric Nganyi Oyondi,
Head of Department,
Manufacturing, Industrial and Textile Department,
Moi University,
P.O. Box 3900- 30100,
Eldoret, Kenya.
Email: oyondi@yahoo.com
Cell phone no.: +254 721 618 289 / +254 733 618 289