

CURRICULUM VITAE

I. PERSONAL DATA

Name: Erinest Peter Maiki
Date of Birth: December 23, 1977
Nationality: Ugandan
Marital Status: Married
Employment Status: Assistant Lecturer/ Course Coordinator Industrial Chemistry

II. ACADEMIC QUALIFICATIONS:

a) University Education:

University	Period	Qualification
Xiamen University in China	Sep.2007 – Jul. 2009	Msc. Chemical Engineering
Makerere University (Mak.)	Sept. 2000-June 2003	BIC (2 nd Class Upper, C.G.P.A 3.78 out of 5.0)

b) Pre-University Education:

School/College Attended	Period	Qualification
St. Peters College Tororo	1997-1999	Uganda Advanced Certificate of Education (U.A.C.E)
Bukedi College Kachonga	1992-1995	Uganda Certificate of Education (U.C.E)
Bupoto Primary School	1985-1991	Primary Leaving Certificate (P.L.E)

c) Courses undertaken:

Postgraduate School: **M.Sc. Thesis Title:**Preparation and Impregnation of flavor 2-phenyl Ethanol in silica Nanoparticles by supercritical fluid Carbondoioxide, 2009.
Undergraduate: Industrial Chemistry
Pre-University College: Physics, Mathematics and Chemistry

III. RESEARCH INTERESTS : Areas of innovative technology for environmental protection, including:

- Controlled anaerobic and aerobic biodegradation of municipal and industrial solid wastes
- Treatment of liquid industrial effluents by biological systems
- Energy production from digestion of crops and agricultural wastes
- Concepts for an integrated farming system for non competitive food and fuel production
- Nanomaterials; Nanoparticle synthesis and their applications in medical and Engineering applications

IV. WORKING EXPERIENCE:

Period	Position
2009 – Present	Assistant lecturer and course Coordinator Industrial Chemistry, Chemistry Department, Makerere University
2008- 2010:	Part time Lecturer at Uganda Christian University, Kampala- Uganda

V. TEACHING:

I have been teaching undergraduate courses namely: Introduction to Industrial Chemistry, Energy Technology, Materials science, Chemical Reaction Engineering, Reactor Design and also conducted Unit operations practical's to the third year students. Supervision of research and overseeing the running of industrial Chemistry Program.

VI. STUDENTS'SUPERVISION

I have supervised a number of undergraduate projects.

VII. PUBLICATIONS AND CONFERENCE PROCEEDINGS

1. Maiki, E, P. Nanotechnology: Preparation and Impregnation of flavor 2-phenyl Ethanol in silica nanoparticles by supercritical fluid carbon dioxide, 2009. (Masters thesis)
2. Maiki, E, P. Environmental biotechnology: Anaerobic waste treatment by methanogenesis on 8th may 2008.
3. Maiki, E, P. Artificial intelligence: sensor modeling and there applications in the control of industrial processes. Presented on 6th July 2008.
4. Maiki, E, P. An investigation on Nucleation and crystal growth in the pan during

sugar boiling, 2003. (Bachelor Of Industrial Chemistry thesis).

VIII.COMMITTEES

- a) Internship supervision in the Department of Chemistry
- b) Member, Establishment of the Science committee Uganda Christian University(September 2008- Present)

IX. SCHOOLS, WORKSHOPS AND TRAININGS:

- 28th -30th September 2015: policy brief and PhD Citation workshop at Makerere University

X. SCHOLARSHIP AWARDS ATTAINED

- 2000-2004 Government of Uganda University scholarship sponsored by Ministry of Education and Sports, Republic of Uganda.
- 2007-2009 Chinese scholarship council (CSC) sponsored by the Chinese government.

For more references please contact:

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