

CV KABASA MARY SALLY

Personal Information

Name : Kabasa Mary Sally
Date of Birth : 14th September, 1981
Nationality : Ugandan
Gender : Female
Address : Busitema University, P.O Box 236, Tororo
Telephone No : +256 773 603 131/ +256 758 151 305
Email : kabasalive@gmail.Com

EDUCATION:

Year	Institution	Award
2022 to date	Busitema University, Uganda	PhD Candidate (PhD in Energy Engineering)
2011-2009	University of Agricultural Sciences, GKVK, Bangalore, India.	Master of Technology in Agricultural Engineering (Post Harvest Process and Food Engineering)
2000-2004	Makerere University, Uganda	Bachelor of Science in Agricultural Engineering
1998-1999	Trinity college Nabingo	Uganda Advanced Certificate of Education (UACE)
1994-1997	Tororo Girls' Secondary School	Uganda Certificate of Education (UCE)
1987-1993	Pallisa Girls' Primary School	Primary Leaving Examination

RESEARCH INTERESTS

- i. Investigations to improve crop drying technologies
- ii. Development of post-harvest crop management techniques

RESEARCH EXPERIENCE

Undergraduate students' research supervisor

2012– to date

- i. Design and development of a pineapple peeler cum ring slicer.
- ii. Design and development of a cabbage slicer.
- iii. Development of an evaporative cooler for vegetables.

- iv. Design and development of a solar drier for silver fish, cassava chips.
- v. Design and development of a hybrid solar drier for paddy.
- vi. Design and development of a manual sorghum thresher.

Graduate research fellow at the University of Agricultural Sciences **2009-2011**

- i. Influence of Dip Pretreatment on the Shelf-life of Minimally Processed Jackfruit *Artorcapus heterophyllus* L. Bulbs.
- ii. Effect of Vacuum Packaging on the Shelf-life of Minimally Processed Jackfruit *Artorcapus heterophyllus* L. Bulbs.

Undergraduate research **2004**

- i. Optimization of the loading density of the coffee solar drier .

TEACHING AND MENTORING EXPERIENCE AT BUSITEMA UNIVERSITY

1. Acting Head of Department, Chemical and Process Engineering **2016-2020**

- i. Organized, developed and directed activities for the proper functioning of the Department.
- ii. Provided academic guidance and leadership to staff.
- iii. Initiated curriculum development and review in the Department.
- iv. Coordinated and monitored teaching and learning in the department as well as departmental outreach activities.
- v. Presided over the Departmental Board meetings.
- vi. Assisted in the operation of the Faculty by serving on the faculty appointments and promotions committee, disciplinary and finance committees.

2. Lecturer, Unit Operations in Food Engineering, Post-Harvest Technology, and Extension for Engineers **2013- to date**

- i. Planned and prepared teaching/learning materials and delivered lectures to undergraduate students.
- ii. Participated in the development and review of curricula.
- iii. Participated in the development of manuals and kits for the conduct, supervision and evaluation of practical assignments to students.
- iv. Examined, assessed and marked undergraduate assignments.
- v. Researched to support the development of the University's academic research proposals.
- vi. Supervised students' academic research and industrial practice programmes and activities.
- vii. Participated in the planning, organization and implementation of academic conferences, seminars and workshops.
- viii. Provided technical support and support supervision to Assistant lecturers and other junior academic staff.
- ix. Ensured quality in all the functions of the University by observing the set quality standards.
- x. Engaged in creative and innovative activities.

- xi. Identified the required teaching materials and recommended them to the Head of Department for procurement.
- xii. Initiated and conducted community outreach programmes.

HONORS AND AWARDS

- i. Awarded the Government of India Scholarship administered by the Indian Council for Cultural Relations (ICCR) to pursue a Master of Technology in Agricultural Engineering at the University of Agricultural Sciences, Bangalore.
2009
- ii. Awarded three Gold medals/prizes at the 46th convocation of the University of Agricultural Sciences, GKVK, Bangalore namely;- UAS Gold medal for General Merit, Dr. R. Ramaiah Gold Medal and the Jindal Award for securing the highest Overall Grade Point Average (OGPA) of 9.21 out of 10.000 in Master of Technology in Agricultural Engineering.
2012

PUBLICATIONS

- i. Kabasa Mary Sally, B. Ranganna, K.B. Munishamana (2011). Study on the post-harvest shelf-life of minimally processed jackfruit (*Artocarpus heterophyllus* L.) bulbs. Mysore Journal of Agricultural Sciences, 45(3):528-536.
- ii. Kabasa Mary Sally, B. Ranganna, K.B. Munishamana (2014). Influence of vacuum packaging on the shelf-life of minimally processed jackfruit (*Artocarpus heterophyllus* L.) bulbs. Mysore Journal of Agricultural Sciences, 48(1):1-8.

CONFERENCES AND WORKSHOPS ATTENDED

- i. Attended a soft skills workshop on design of experiments held at Busitema University from October 24th to 25th, 2022.
- ii. Training in Occupational Safety Health and Environment organized by the Royal Academy of Engineering, Busitema University and Eenersafe Consulting Limited.
- iii. Attended an online course on Research and Proposal Writing in the Sciences organized and facilitated by the AuthorAID project from September 7th to November 1st 2021.
- iv. Attended a two-day workshop on the theme Engineering Education for Development at the auspices of the Higher Education Partnerships for Sub Sahara Africa program (sponsored by the Royal Academy of Engineering) and hosted by Busitema University on 15th -16th July 2021.
- v. Attended a two-day workshop on Enriching Engineering Education to meet Societal Demand supported by the Higher Education Partnerships for Sub Sahara Africa program (sponsored by the Royal Academy of Engineering) and hosted by Kyambogo University on 28th -29th January 2021.
- vi. Attended a training Pilot for Coffee Washing Stations on Coffee Processing Principles, Practices and Techniques and Coffee Washing Station Management at

Great Lakes Coffee Washing Station, Chesiyu Mixed Farm, Tegeres, Kapchorwa 1-3rd December, 2020.

- vii. Presented a paper on Bamboo Shoot Processing for Export (Paper No. IICPT/INCOFTECH/2010/OT5004) in the International Conference on Food Technology-Ed II, “*Greening Food Processing Sector for Sustainable Safe Food Supply*” – 2010
- viii. Attended the International Conference on Food Technology –Edition II, “*Greening Food Processing Sector for Sustainable Safe Food Supply*” at the Indian Institute of Crop Processing Technology, Thanjavur, Tamil Nadu, India 30-31st October 2010.
- ix. Attended the International Workshop on “*HACCP and GMP in Food Industries and ISO Certification*” at the Indian Institute of Crop Processing Technology, Thanjavur, Tamil Nadu, India on 29th October 2010

WORK EXPERIENCE

- i) Acting Head of Department** **2016- 2020**
Chemical and Process Engineering, Busitema University
Position role: To provide academic and administrative leadership to the department.
- ii) Lecturer of Post Harvest Technology, Extension for Engineers, and Unit Operations in Food Engineering** **2013–to date**
Chemical and Process Engineering, Busitema University
Position role: To support the development and implementation of the Universities mandate of teaching, research and outreach.
- iii) Agricultural Engineering Supervisor** **2005-2009**
Kinyara Sugar Works Limited, Masindi, Uganda.
Position role: Management of activities and of agricultural engineering fleet undertaking land development in the Kinyara Sugar Limited estates.

REFERENCES

1. Eng. Dr. Daniel Otim
Dean, Faculty of Engineering, Busitema University
P.O. Box 236, Tororo, Uganda
[Tel: +256 774 176824](tel:+256774176824)
Email: danotim@gmail.com
2. Prof. Kant Kanyarusoke
Head of Department, Chemical and Process Engineering,
P.O. Box 236, Tororo, Uganda
Tel: +256 770 751 376
Email: kanyarusokek@gmail.com



OFFICE OF THE ACADEMIC REGISTRAR

NAME: **KABASA MARY SALLY** CAMPUS: **BUSITEMA**
REGN NO: **BU/GS22/PEE/2** STD NO: **2200402301** DATE: **Thu, Dec 01, 2022**

2022/2023 ADMISSIONS TO A POSTGRADUATE PROGRAMME

I am glad to inform you that you have been offered a place at this University for a programme of study leading to the award of:

PHD IN ENERGY ENGINEERING - (PEE)

Your registration is by **RESEARCH AND THESIS**

Effective from **OCT.2022** and expires on **OCT.2025**

This is a provisional admission valid for 1 year within which you will be expected to develop your proposal and a full admission will be issued to you upon successful defense of your proposal.

REGISTRATION

The provisional offer was made on the basis of the statement of your qualification as presented on your application form. The offer is subject to verification of the qualification by the office of the academic registrar at the time of registration.

For the purpose of registration, you must bring with you the following:

- Original Uganda Certificate of Education or its equivalent and three (3) copies of it.
- Original Uganda Advanced Certificate of Education (or its equivalent) plus three (3) copies of it.
- Original certificates and transcripts for degrees, diplomas, certificates and three (3) certified copies of them.
- Three (3) passport size photographs showing your current likeness (head with both ears and shoulders). Please write your name and students number at the back of each photo.
- An acceptable and authentic identification document from the previous institution of learning, current workplace or national ID/ passport.
- Original birth certificate and three (3) copies of it.
- Evidence of immunization against HEPATITIS B
- Three (3) plastic spring files (BLUE in color) each with all the copies of all the above documents.
- All international students shall be required to provide a comprehensive life assurance cover for the duration of their study before registration.

Cases of impersonation or falsification of documents whenever discovered, either at registration or afterwards, will lead to automatic cancellation of admission.

All students are required to register as per the set registration programme.

TERMS

You will be expected as a student to participate in the programs of your faculty by giving lectures, seminars, tutorials and any other duties that may be assigned by your Dean or Head of Department. With the approval of the Directorate of Graduate Studies, Research and Innovations, you may undertake your research at the site other than the university.

FEES PAYMENT

All the above fees are payable to the university through any bank in Uganda, by generating the payment reference number using <http://student.busitema.ac.ug> at the beginning of each semester.