

Dr. John Bosco Kawongolo is a Senior Lecturer in the Department of Agricultural and Biosystems Engineering (ABE). He has been a faculty member since 1991. Dr. Kawongolo teaches a number of undergraduate and graduate courses and is heavily involved in research. His primary research interest areas are Design and Manufacturing of Industrial and Agricultural Equipment; Processing of agricultural of agricultural produce, Design of agricultural processing facilities/ technologies, Postharvest technologies and value addition; and Renewable energies for rural processing technologies which include solar energy and biogas. Dr. Kawongolo received his Ph.D. in Agricultural Sciences (Food processing Engineering), from University of Kassel, Germany in 2013. Prior to pursuing his doctorate, he earned a M.Sc. in Agricultural Engineering from Makerere University in 1994 and a B.Sc. in Mechanical Engineering from Makerere University in 1989.

List of Selected Publication

Tumutegereize P., F. I. Muranga, J. Kawongolo, F Nabugoomu (2011): Optimization of biogas production from banana peels: Effect of particle size on methane yield. African Journal of Biotechnology Vol. 10 (79), pp. 18243-18251.

Selected Accomplishments

Professional – Pilot Plant, consultancy work during the installation, testing and commissioning of the Banana Processing Pilot Plant and the Presidential Initiative on Banana Industrial Development and in Research and Development – to determine the optimum drying condition for commercial processing of banana (matooke)