



Kenyatta University

Transforming Higher Education...Enhancing Lives

Varsity Acquires Nuclear Magnetic Resonance (NMR) Spectrometer

Nairobi 11th November 2014... Kenyatta University received a Nuclear Magnetic Resonance (NMR) 400 MZ Spectrometer. The receiving ceremony was graced by Kenyatta University Vice-Chancellor, Prof. Olive Mugenda among other invited guests. The teaching and research equipment is an important addition to successful teaching and research in chemical and biochemical studies for the University and the nation at large.

Acquisition of the NMR spectrometer is a welcome development in research capacity building especially in sample analysis. The NMR 400MZ spectrometer has a capacity for analysing multiple elements easing research for the university and the region at large in chemical analysis.

In her speech during the receiving ceremony for the NMR Spectrometer, the Vice-Chancellor, Prof. Olive Mugenda hailed acquisition of the equipment as a major milestone in success for teaching and research in chemical and biochemical studies in the university and the region. She observed that prior to this, students and researcher in the School of Pure and Applied Sciences as well as School of Medicine had to rely on an old NMR Spectrometer which was being maintained by three public universities including Kenyatta University. The machine which has so far been out of order led to a situation where students' samples had to be sent abroad for analysis at an extra cost to their training and delay to their thesis compilation. In her closing remarks, the Vice-Chancellor thanked Kenyatta University Foundation for the invaluable support in acquiring the NMR spectrometer.

Acquisition of the NMR spectrometer will ease the process of sample analysis making it faster and cheaper for students and many research scientists working on natural products and pharmaceutical compounds bio-prospecting. Its capacity to analyze more than four elements at the same time unlike the earlier version that could only analyze one element at a time will enhance biomedical research in the University in areas such as complementary and alternative medicine.

Besides benefitting learning and research in the University, the acquired NMR spectrometer will be available to industries and researchers working on natural products who will bring their samples to Kenyatta University for analysis.

Besides acquisition of the NMR 400 MZ spectrometer, the university has in the recent past acquired two Liquid Chromatography / Mass Spectroscopy equipment courtesy of the Novartis Institute of Biomedical Research in Cambridge, USA. These learning and research equipment are the only of their kind currently owned by a tertiary institution in Kenya.

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PRESS RELEASE

*For more information, please contact: Paul Waitbaka, Public Relations and Marketing Manager;
Tel +020 8713121; Email: pro@ku.ac.ke*

About Kenyatta University

Kenyatta University is the one of the largest universities in Eastern Africa whose vision is to be a dynamic, an inclusive and a competitive centre for excellence in teaching learning and research and service to humanity.

Founded in 1965, K.U has taken significant steps towards becoming a world-class university over the years.

Kenyatta
University
P. O. Box 43844
00100 Nairobi
Tel: 8710901-19
Fax: 8711575
Email:
pro@ku.ac.ke