UNIVERSITY OF EMBU

SPEECH BY PROF. DANIEL MUGENDI NJIRU, VICE-CHANCELLOR, UNIVERSITY OF EMBU DURING

THE FIRST POSTGRADUATE STUDENTS

WORKSHOP ON DATA ANALYSIS

IN COMPUTER LAB 3

ON

THURSDAY, 27TH JULY 2021

AT 8.30 A.M.

- Members of University Management and Senate

- Facilitators and Resource Persons

- Staff

- Postgraduates students

- Ladies and gentlemen

Good morning,

I am pleased to join you this morning for the first Postgraduate Students' Workshop on Data Analysis. This workshop brings together about Eighty Postgraduate students of the University of Embu. It is worth noting that this workshop comes less than a week after the recent Workshop on e–Resources held on Thursday, 22nd July 2021. This is an indication of the importance that the University places in ensuring that our

postgraduate students are well taken care of to enable you to grow academically and maintain quality in our postgraduate research.

This training is meant to equip you with hands-on skills on how to choose a study design, collect and analyze your data as well as interpret the same in manuscripts that can be published in high impact journals.

I take this opportunity to thank the organizers of this workshop, the Director, BPS Prof. Nancy Budambula, Dr. Daniel Nthiwa, a Lecturer in the Department of Biological Sciences, and Mr. Joshua Muli a Tutorial Fellow and a Ph.D student in the Department of Biological Sciences for organizing this training.

As you all may be aware, during this data-rich age, where there is so much data generated by research and even our day to day interactions with one-another, nature and technology, understanding how to analyze your research data is one of the primary drivers of success as a researcher.

Data analysis therefore is the process of collecting, organizing, and analyzing data to extract insights that support your hypothesis and help you to come up with conclusions and recommendations.

With so much data and so little time, knowing how to collect, organize, and make sense of all of the data you have collected may be an uphill task for you. This workshop therefore, has been organized to help you to understand these aspects

of research that are related to data collection and analysis which will help you to come up with good work.

You may have a good topic and conducted a good study and also you may have obtained very good data; but if the data is not well analyzed, it will result in a poor manuscript that can only be published in a low impact or sometimes predatory journal.

There are several methods and techniques that you can use to perform data analysis depending on the area of study that you have chosen as a researcher and also depending on whether you are using quantitative or qualitative research methods. In this regard, it is good for you to understand some of the aspects of your research

that can result in a poor thesis or low quality publications. These are:

1. Inadequate Sample size.
2. Poor study design, poor research questions or poor objectives.
3. Poor or inadequate data analysis.

In view of the above, I urge all our postgraduate students who are attending this workshop to aim at gaining the most out of this workshop. The knowledge that you will get from this workshop should be able to help you to understand the importance of data analysis in your research work. Also, after this training, you will be expected to train other students who are under your mentorship on how to perform quality data analysis.

Ladies and Gentlemen,

I wish you, the facilitators and the students, a very fruitful workshop and I hope that you will benefit immensely from the training.

With those remarks –

It is now my pleasure to declare this First training for Postgraduate Students on Data Analysis officially opened.

Thank you and God bless you all.

Prof. Daniel Mugendi Njiru, Ph.D
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