

Review of: "Evaluation of the effectiveness of the collegiate system of administration at Kwame Nkrumah University of Science and Technology, Ghana"

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Potential competing interests: No potential competing interests to declare.

The topic is significant as it investigates the impact of a specific administrative system on the overall functioning and efficiency of a renowned university.

Research Design:

The paper should provide a rationale for selecting the collegiate system as the focus of evaluation. What were the motivations or reasons behind choosing this specific administrative system? The methodology described in the provided excerpt appears to have several strengths and provides a solid foundation for conducting the study. However, there are a few areas that could be further improved and clarified. Here is a review of the methodology:

Target Population:

The selection of the target population, which includes Provosts, Deputy Registrars, Deputy Finance Officers, Deputy Librarians, Deans, and Heads of academic departments, seems appropriate for assessing the effectiveness of the collegiate administrative structure. The total number of individuals in the population (151) and the breakdown by role are clearly stated, providing transparency regarding the sample frame.

Sampling Technique:

The use of purposive sampling technique to select the sample is suitable for this study's objectives. However, it would be beneficial to provide a brief justification for choosing this method. The paper does not explicitly state how the sample was selected or whether it is representative of the broader population of interest. Explaining why purposive sampling the most appropriate approach was, considering the characteristics and expertise of the selected participants, would enhance the study's credibility and would help to understand the potential biases and limitations associated with the sample. Discussing the sampling strategy and its limitations would contribute to the study's validity and generalizability.

Data Collection:

The inclusion of a questionnaire to gather respondents' opinions on the effectiveness of the collegiate administrative structure is appropriate. It would be valuable to describe how the questionnaire was developed, including details about the construction and validation process. Mentioning the use of established scales or previous research could further

strengthen the questionnaire's validity.

Pre-testing:

The pre-testing of the questionnaire with five registrars for validation is a good practice. However, it would be helpful to mention the specific steps taken during the pre-testing phase, such as assessing the clarity of the questions, testing for understanding, and refining the questionnaire based on the feedback received. This information would strengthen the validity and reliability of the instrument.

Data Analysis:

The paper should clearly describe the analytical methods employed, it is essential to provide details about the specific tests, software, and significance levels used.

Limitations:

The paper should discuss the generalizability of the findings. Since the study focuses on a specific university, it is important to clarify the extent to which the results can be generalized to other educational institutions or contexts. How do the results contribute to the existing knowledge on collegiate systems? What are the implications for other universities facing similar challenges? The texts provided valuable information on gender distribution, staff category, educational qualifications, effectiveness of decentralization and decision-making, and challenges in collegiate administration. However, to ensure the consistency and timeliness of the quotes, it is necessary to include additional context and comparisons with similar studies or the existing literature. By doing so, the validity, significance, and relevance of the findings can be enhanced, leading to a more comprehensive and rigorous assessment of the topics discussed.

Overall, the paper "Evaluation of the Effectiveness of the Collegiate System of Administration at Kwame Nkrumah University of Science and Technology, Ghana" presents a valuable investigation into the effectiveness of the collegiate system at KNUST.