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IMPACT OF DIGITAL TECHNOLOGY AND THE  
NEED FOR

CURRICULUM REVIEW IN SURVEYING  
EDUCATION.

BY

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### INTRODUCTION

- Digital technology has influenced the practice of surveying and geoinformatics all over the world.
- Currently, there is campaign for the change of names of surveying related institutions/departments in Nigeria to reflect the technological advancement.
- Also, there is the need to review the present training curriculum, which is based on analogue technique.
- Some institutions have changed, some are still in doubt of what to do while others have not seen the need for the change.

### OBJECTIVES

- To discuss the impact of digital technology in surveying and geoinformatics education in Nigeria.
- To highlight the need for the dynamic review of surveying and geoinformatics curriculum in Nigeria.

### DIGITAL REVOLUTION

- Defined as a term used to describe the effects of rapid drop in cost and rapid expansion of power of digital devices such as computers.
- It transformed technology that was previously analogue into a binary representation of ones and zeros (digital).
- It has made tremendous impact on the instrumentation and techniques of many professions, especially the Surveying.

### THE NEED FOR CURRICULUM REVIEW

- ❖ The training offered Surveying Institutions was geared towards training in the field of Land Surveying.
- ❖ The advent of digital technology has led to the changing pattern of surveying training.
- ❖ Therefore, it has become imperative for surveying institutions to review their programs in order to align their curricula with the new digital developments.
- ❖ All surveying stake holders have role to play in ensuring that all institutions offering surveying modernise their curricula.

## CONCLUSIONS

- Digital technology has revolutionised the practice of Surveying in Nigeria and other parts of the world.
- This has made what used to be accepted as surveying curriculum inadequate.
- The need to modernise surveying curriculum in Nigeria tertiary institutions has arisen.
- Periodic review of the academic programs and curricula in Universities and Polytechnic offering surveying are necessary.

## RECOMMENDATIONS

- NUC and NBTE should continue to spearhead the review of surveying programs in the Universities and Polytechnics.
- There should be uniform curriculum for all the surveying departments in Nigeria Universities.
- NBTE should ensure uniform curriculum for the surveying departments in Nigeria Polytechnics.
- There is the need to mount aggressive re-training programs for Nigeria's surveying personnel at all levels.
- Stake holders in education should provide adequate fund for training and purchase of facilities to meet the dynamism of the digital technology in surveying.

THANKS FOR LISTENING