



Sustainable National Development: Perspectives of Engineering Education

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Introduction

Engineering Education is a multidisciplinary and practical field of study that aims to equip people with the necessary skills that will enhance their relevance, independence, and functionality in the society. It is essential to the economic recovery and sustainable development of society. Engineering Education is timely for a developing nation like Nigeria, which is struggling with persistent issues like unemployment and underemployment that have kept her in a never-ending cycle of economic hardship.

Method

This study aims to examine the challenges restraining the quality of engineering education in tertiary institutions in Nigeria, and offer potential mitigating approaches by using secondary data sources and direct observation in generating relevant information for the study. This technique is particularly reliable as it draws bearing from already published veritable data and foremost academic discuss.

Result and Discussion

The findings showed that challenges namely: poor funding, brain drain, poor personnel development, low staff retaining, and inadequate infrastructures, militate the quality of Engineering Education in Nigeria tertiary institutions. These obstacles can all be summed up under a general heading called inadequate funding. It can be addressed through, alumni association organ, synergy between tertiary institutions and industries and UNESCO compliant budgetary allocation in Education.

Conclusion

The study concluded by emphasizing the necessity for adequate funding of engineering education in Nigeria as a crucial factor in promoting engineering innovations which will drive sustainable national development.

Keywords: Engineering-Education, Sustainable-Development, Adequate-Funding, Engineering-Innovation