

CAMPAIGN

TITLE PAGE

CONFERENCE CENTRE AWKA ANAMBRA STATE

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ABSTRACT

Acoustics are generally overlooked in conference centre. Architectural acoustics are the processes of managing how both airborne and impact borne sound are transmitted and controlled in design of buildings. While virtually every material within a room affects sound levels to one degree or another. These materials will provide basic background on the science and measurement of sound, as well as study on the design of conference centre and its acoustical problem that faces conference centre and also describes parameters of the problem, its impact on audience, and possible solutions to the problem.

These solutions are noise control, signal control without amplification, individual amplification systems, and sound field amplification systems.

The speech acoustics highlighted were described as the main architectural problem of such design and also explained in detail, how the application of an absorptive materials on walls of the auditorium, adopting of suitable shape for the auditorium, use of raked seats on the floors of the main auditorium are the measures to eliminate echoes in an auditorium.

In search of solution to problems various case studies were carried out on conference centres, depicting their merits and demerits. The merits of each conference centre will be utilized while solutions for the demerits will be provided in the proposed conference centre.

Each of these factors should be properly planned to achieve flexibility in design in order to accommodate all forms of activities required.